STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
Aurora Federal 3-20D-7-20

2. TYPE OF WORK
DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
UNDESIGNATED

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
AURORA (DEEP)

6. NAME OF OPERATOR
BILL BARRETT CORP

7. OPERATOR PHONE
303 312-8164

8. ADDRESS OF OPERATOR
1099 18th Street Ste 2300, Denver, CO, 80202

9. OPERATOR E-MAIL
BHilgers@billbarrettcorp.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU75093

11. MINERAL OWNERSHIP
FEDERAL ● INDIAN ○ STATE ○ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ●

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
Cox Brothers Farms Inc

14. SURFACE OWNER PHONE (if box 12 = 'fee')
208-431-5541

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
325 South 2950 East, Declo, UT 83323

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ●

19. SLANT
VERTICAL ○ DIRECTIONAL ● HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	213 FNL 2370 FWL	NENW	20	7.0 S	20.0 E	S
Top of Uppermost Producing Zone	662 FNL 2187 FWL	NENW	20	7.0 S	20.0 E	S
At Total Depth	660 FNL 2180 FWL	NENW	20	7.0 S	20.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
660

23. NUMBER OF ACRES IN DRILLING UNIT
160

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
6572

26. PROPOSED DEPTH
MD: 10552 TVD: 10503

27. ELEVATION - GROUND LEVEL
4818

28. BOND NUMBER
WYB000040

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
Green River Section 33, T8S - R20E

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	26	16	0 - 80	65.0	Unknown	8.8	Unknown	0	0.0	0.0
Surf	14.75	10.75	0 - 3500	45.5	J-55 ST&C	8.8	Halliburton Light , Type Unknown	940	3.16	11.0
							Halliburton Premium , Type Unknown	360	1.36	14.8
Prod	9.875	5.5	0 - 10552	17.0	P-110 LT&C	10.5	Unknown	540	2.31	11.0
							Unknown	1070	1.42	13.5

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Venessa Langmacher **TITLE** Senior Permit Analyst **PHONE** 303 312-8172

SIGNATURE **DATE** 09/14/2011 **EMAIL** vlangmacher@billbarrettcorp.com

API NUMBER ASSIGNED
43047520050000

APPROVAL

Permit Manager

RECEIVED: October 19, 2011

BILL BARRETT CORPORATION
DRILLING PLAN
9/12/2011

Aurora Federal #3-20D-7-20
NE NW, 213' FNL and 2370' FWL, Section 20, T7S-R20E, S.L.B.&M.
NE NW, 660' FNL and 2180' FWL, Section 20, T7S-R20E, S.L.B.&M.
Uintah County, UT

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1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth – MD	Depth - TVD
Green River	4,252'	4,233'
Lower Green River*	5,997'	5,948'
Black Shale Facies*	7,062'	7,013'
Wasatch*	8,052'	8,003'
TD	10,552'	10,503'

*PROSPECTIVE PAY

The Wasatch and the Lower Green River are primary objectives for oil/gas.

Base of Useable Water = 4,600'

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 3,500'	No pressure control required
3,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

Hole Size	SETTING DEPTH (FROM)	(TO)	Casing Size	Casing Weight	Casing Grade	Thread	Condition
26"	Surface	80'	16"	65#			
14 3/4"	surface	3,500'	10-3/4"	45.5#	J or K 55	BT&C	New
9-7/8" & 8-3/4"	surface	TD	5 ½"	17#	P-110	LT&C	New
NOTE: If necessary due to lost circulation, BBC would like to request the option to set 7-5/8", 29.70# P-110 LT&C to a depth of 8,052' (Wasatch Top), then drill a 6-1/2" hole to TD and run 5-1/2" casing as a 2700' liner (200' liner lap).							

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Bill Barrett Corporation
Drilling Program
#3-20D-7-20
County, Utah

5. Cementing Program

Casing	Cement
16" Conductor Casing	Grout
14-3/4" hole for 10-3/4" Surface Casing	Lead with approximately 940 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft^3/sx) circulated to surface with 75% excess. Tail with approximately 360 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft^3/sx). Calculated hole volume with 75% excess.
9-7/8 hole for 5 ½" Production Casing May reduce hole size to 8-3/4" at T/ Wasatch FM if minimal hole problems.	Lead with approximately 540 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft^3/sx). Tail with approximately 1070 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft^3/sx). Planned TOC 200' above surface casing shoe..
NOTE: If 7-5/8" casing is necessary, cement with Lead with approximately 900 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft^3/sx). Tail with approximately 240 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft^3/sx). Planned TOC 200' above surface casing shoe. We will perform a FIT to 11.5 ppg after drilling 20' of new hole. The 5-1/2" liner would be cemented with 200 sx of Class G 50/50 Poz w/ 2% gel (14.2 ppg) with additives from TD to 200' above TOL.	

6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 3,500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
3,500' – TD	8.6 – 10.5	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.
NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.	

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Drilling Program
#3-20D-7-20
County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5735 psi* and maximum anticipated surface pressure equals approximately 3424 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TVD = A (bottom hole pressure)
**Maximum surface pressure = A – (0.22 x TVD)

9. Auxiliary Equipment

a) Upper kelly cock; lower Kelly cock will be installed while drilling
b) Inside BOP or stab-in valve (available on rig floor)
c) Safety valve(s) and subs to fit all string connections in use
d) Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S, R20E.

11. Drilling Schedule

Location Construction:	January 2012
Spud:	January 2012
Duration:	15 days drilling time
	45 days completion time

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PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

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maintained for a period of at least ten (10) minutes or until the requirmentsof the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2.*

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

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Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2.* The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

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LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: Aurora Federal 3-20D-7-20

Surface Hole Data:

Total Depth:	3,500'
Top of Cement:	0'
OD of Hole:	14.750"
OD of Casing:	10.750"

Calculated Data:

Lead Volume:	**2920.7**	ft^3
Lead Fill:	**3,000'**	
Tail Volume:	**486.8**	ft^3
Tail Fill:	**500'**	

Cement Data:

Lead Yield:	3.16	ft^3/sk
% Excess:	75%	
Top of Lead:	0'	

Tail Yield:	1.36	ft^3/sk
% Excess:	75%	
Top of Tail:	3,000'	

Calculated # of Sacks:

# SK's Lead:	**940**
# SK's Tail:	**360**

Production Hole Data:

Total Depth:	10,552'
Top of Cement:	3,300'
Top of Tail:	6,562'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	**1235.9**	ft^3
Lead Fill:	**3,262'**	
Tail Volume:	**1511.9**	ft^3
Tail Fill:	**3,990'**	

Cement Data:

Lead Yield:	2.31	ft^3/sk
Tail Yield:	1.42	ft^3/sk
% Excess:	50%	

Calculated # of Sacks:

# SK's Lead:	**540**
# SK's Tail:	**1070**

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Aurora Federal 3-20D-7-20 Proposed Cementing Program

Job Recommendation			**Surface Casing**
Lead Cement - (3000' - 0')			
Halliburton Light Premium	Fluid Weight:	11.0	lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield:	3.16	ft^3/sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid:	19.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	0'	
2.0% Bentonite	Calculated Fill:	3,000'	
	Volume:	520.16	bbl
	Proposed Sacks:	**940**	**sks**
Tail Cement - (TD - 3000')			
Premium Cement	Fluid Weight:	14.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.36	ft^3/sk
	Total Mixing Fluid:	6.37	Gal/sk
	Top of Fluid:	3,000'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	Proposed Sacks:	**360**	**sks**

Job Recommendation			**Production Casing**
Lead Cement - (6562' - 3300')			
Tuned Light™ System	Fluid Weight:	11.0	lbm/gal
	Slurry Yield:	2.31	ft^3/sk
	Total Mixing Fluid:	10.65	Gal/sk
	Top of Fluid:	3,300'	
	Calculated Fill:	3,262'	
	Volume:	220.11	bbl
	Proposed Sacks:	**540**	**sks**
Tail Cement - (10552' - 6562')			
Econocem™ System	Fluid Weight:	13.5	lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield:	1.42	ft^3/sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid:	6.61	Gal/sk
	Top of Fluid:	6,562'	
	Calculated Fill:	3,990'	
	Volume:	269.26	bbl
	Proposed Sacks:	**1070**	**sks**

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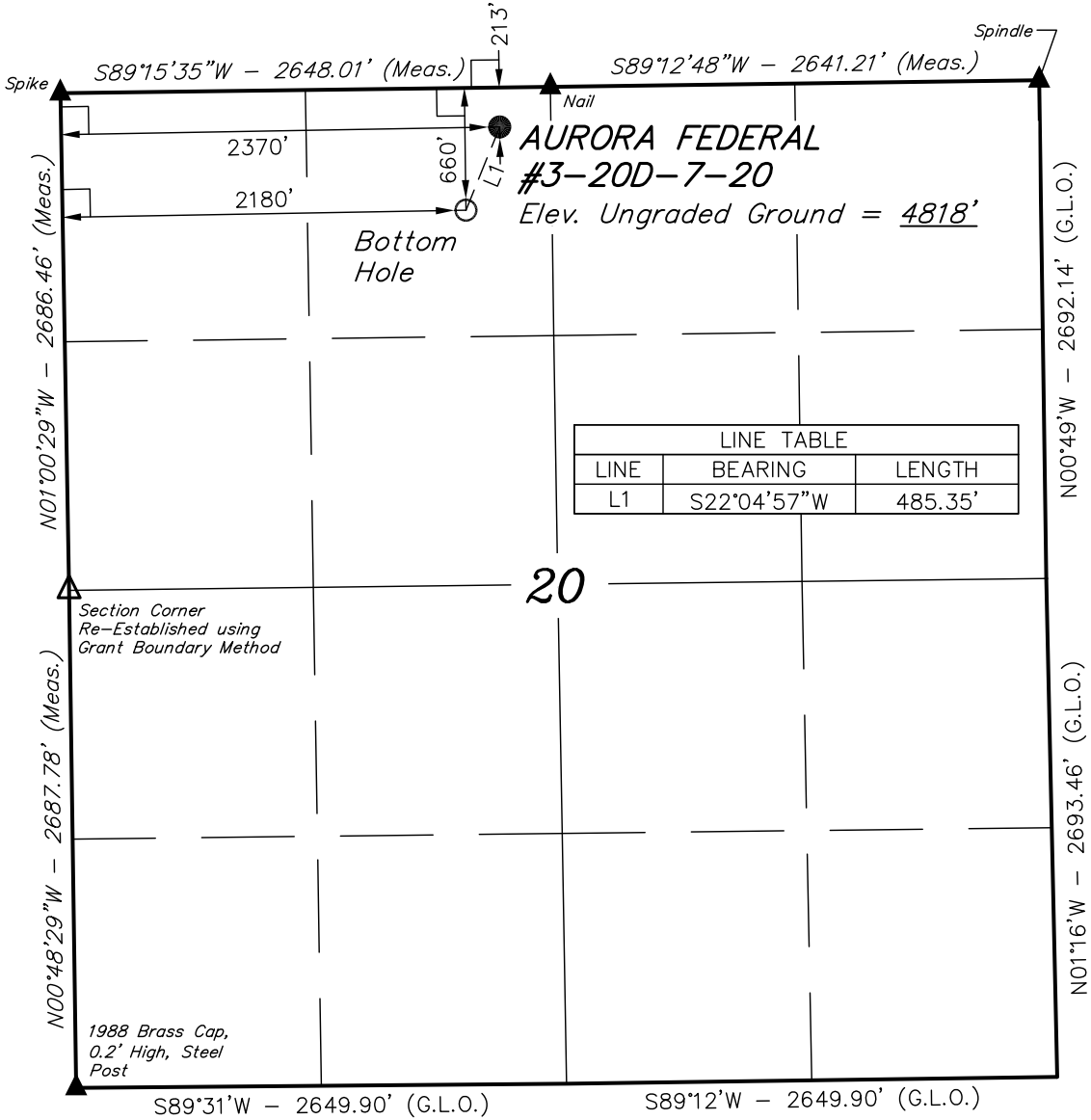
API Well Number: 43047520050000

T7S, R20E, S.L.B.&M.



LINE TABLE		
LINE	BEARING	LENGTH
L1	S22°04'57"W	485.35'

BILL BARRETT CORPORATION

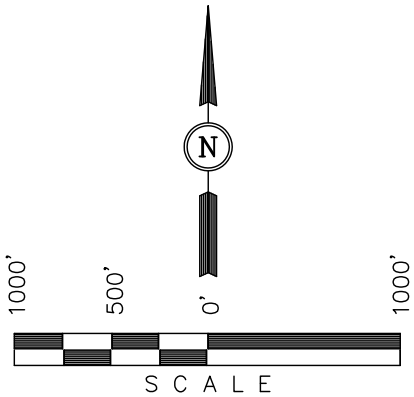
Well location, AURORA FEDERAL #3-20D-7-20, located as shown in the NE 1/4 NW 1/4 of Section 20, T7S, R20E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

07-27-11

Rev: 07-22-11 Z.L.
Revised: 3-24-11

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°12'05.66" (40.201572)	LATITUDE = 40°12'10.10" (40.202806)
LONGITUDE = 109°41'42.29" (109.695081)	LONGITUDE = 109°41'39.94" (109.694428)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°12'05.80" (40.201611)	LATITUDE = 40°12'10.24" (40.202844)
LONGITUDE = 109°41'39.79" (109.694386)	LONGITUDE = 109°41'37.43" (109.693731)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	10-27-10	11-04-10
PARTY: B.B. C.I. K.G.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: BILL BARRETT CORPORATION	

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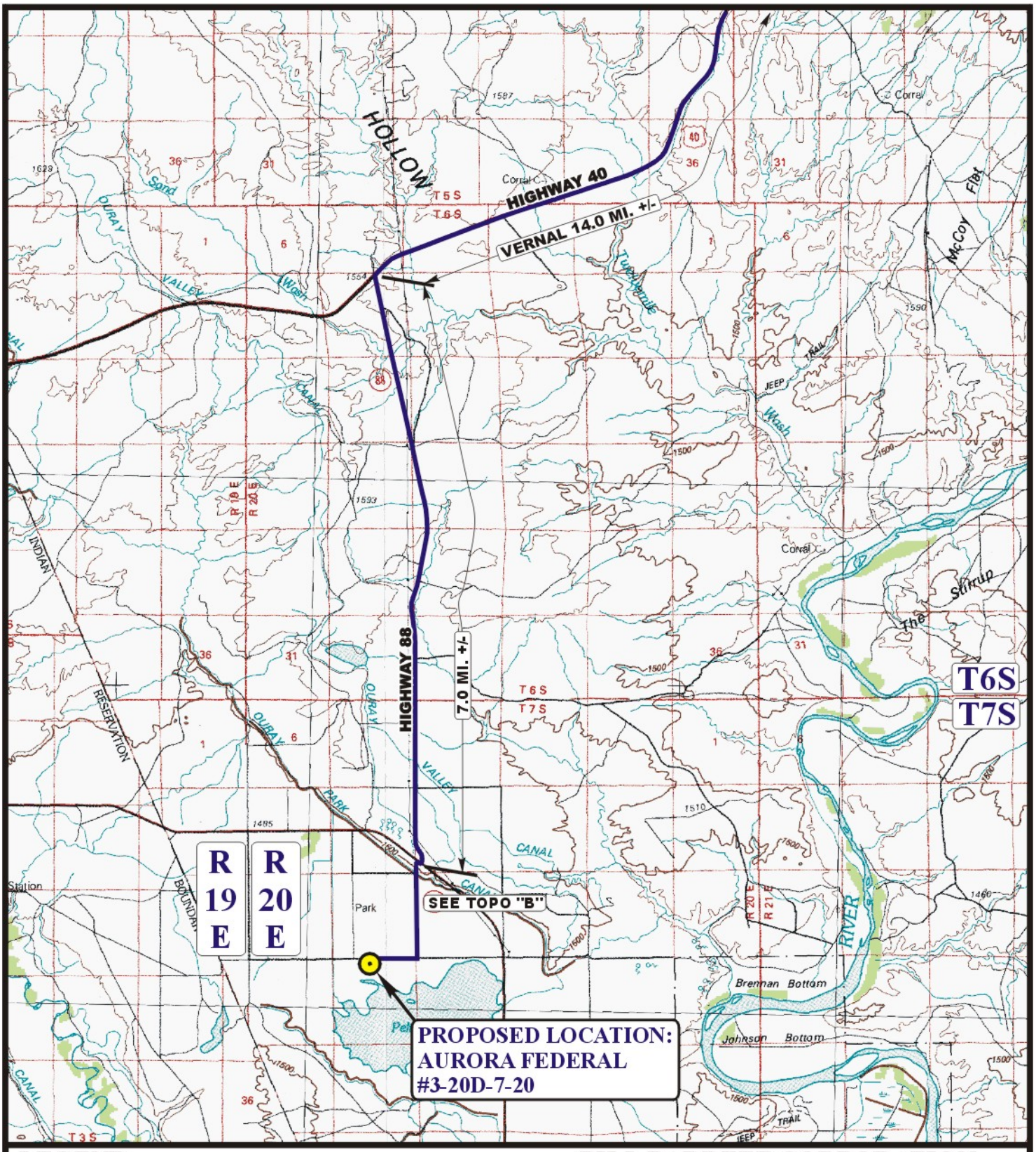
API Well Number: 43047520050000



LEGEND:

PROPOSED LOCATION

N

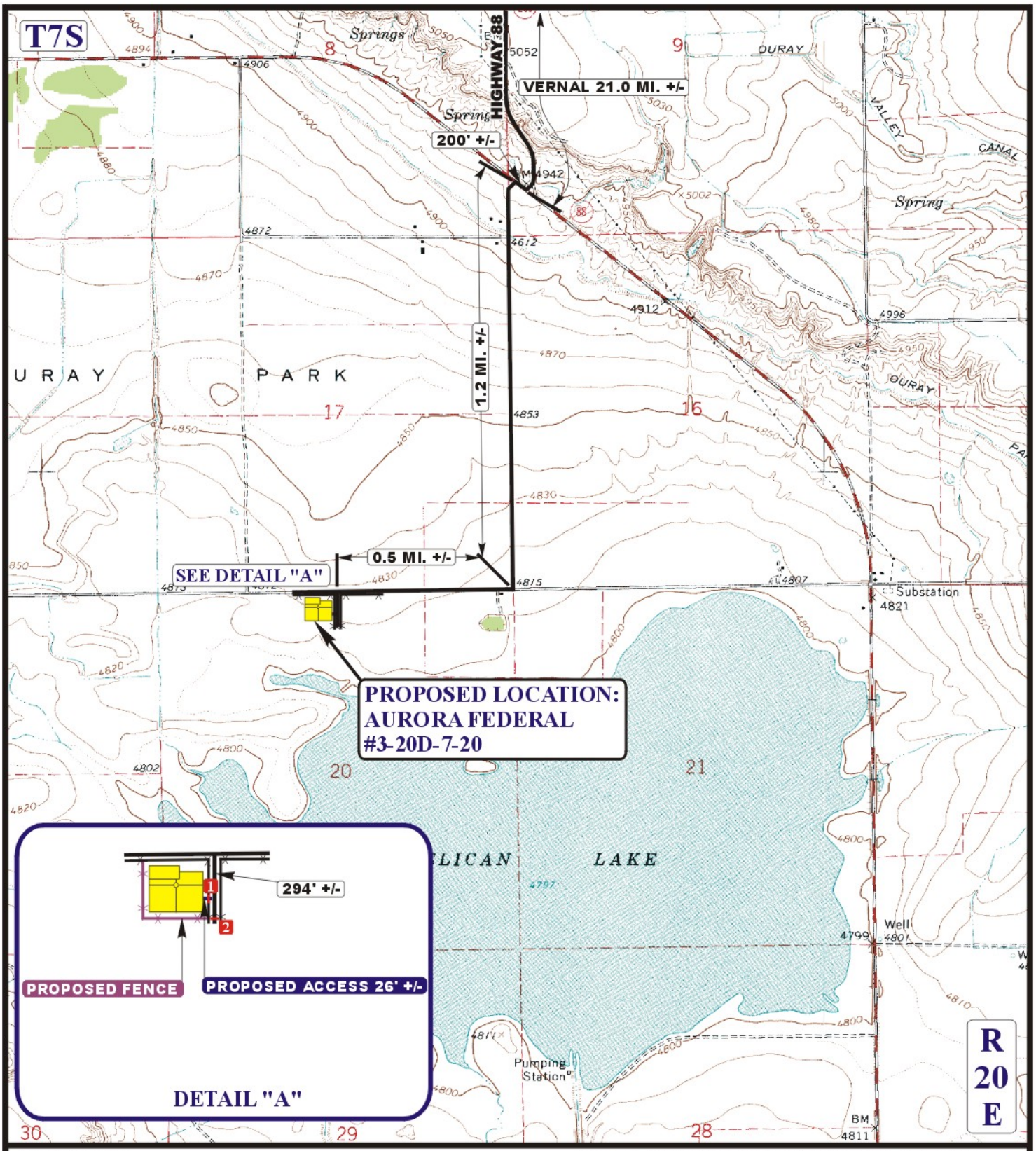
BILL BARRETT CORPORATION

AURORA FEDERAL #3-20D-7-20
SECTION 20, T7S, R20E, S.L.B.&M.
213' FNL 2370' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	11 MONTH	02 DAY	10 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.J.	REV: 07-22-11 Z.L.		

API Well Number: 43047520050000



LEGEND:

EXISTING ROAD
PROPOSED ACCESS ROAD
EXISTING FENCE
PROPOSED FENCE
1 INSTALL GATE
2 INSTALL CATTLE GUARD

N

BILL BARRETT CORPORATION

AURORA FEDERAL #3-20D-7-20
SECTION 20, T7S, R20E, S.L.B.&M.
213' FNL 2370' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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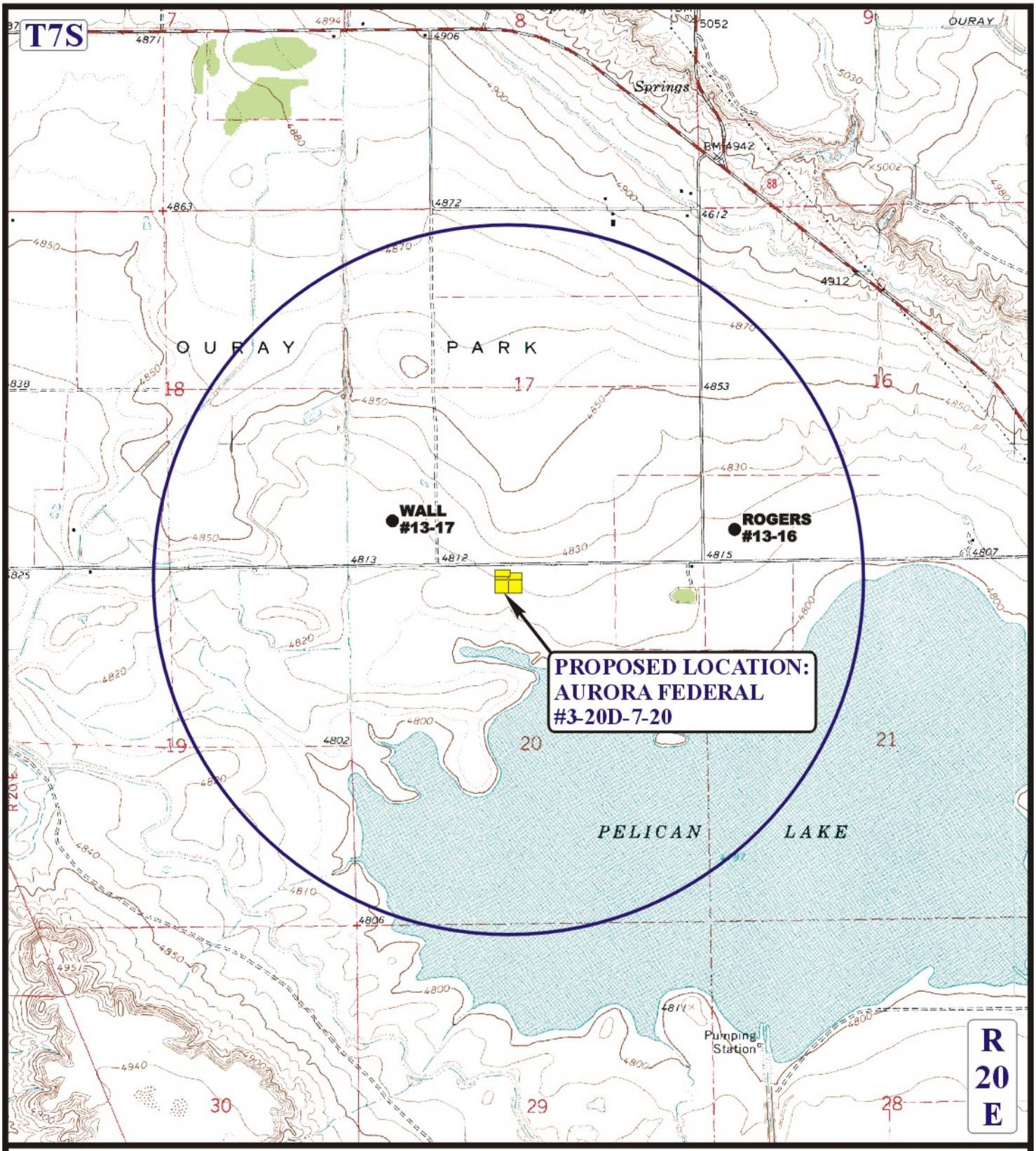
TOPOGRAPHIC MAP	11 MONTH	02 DAY	10 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.J.	REV: 07-22-11 Z.L.		

API Well Number: 43047520050000



LEGEND:

- DISPOSAL WELLS
- WATER WELLS
- PRODUCING WELLS
- ABANDONED WELLS
- SHUT IN WELLS
- TEMPORARILY ABANDONED

N

BILL BARRETT CORPORATION

AURORA FEDERAL #3-20D-7-20
SECTION 20, T7S, R20E, S.L.B.&M.
213' FNL 2370' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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TOPOGRAPHIC MAP	11 MONTH	02 DAY	10 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.J.	REV: 07-22-11 Z.L.		

API Well Number: 43047520050000

Bill Barrett Corporation

COMPANY DETAILS: BILL BARRETT CORP	
Calculation Method:	Minimum Curvature
Error System:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Elliptical Conic
Warning Method:	Error Ratio

SITE DETAILS: Aurora Federal 3-20D-7-20	
SECTION 20-T7S-R20E	
213 FNL & 2370 FWL	
Site Centre Latitude:	40° 12' 10.238 N
Longitude:	109° 41' 37.432 W
Positional Uncertainity:	0.0
Convergence:	1.19
Local North:	True

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Aur Fed 3-20D TGR3	5948.0	-449.2	-183.0	40° 12' 5.800 N	109° 41' 39.790 W	Rectangle (Sides: L200.0 W200.0)
Aur Fed 3-20D PBHL	10503.0	-449.2	-183.0	40° 12' 5.800 N	109° 41' 39.790 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

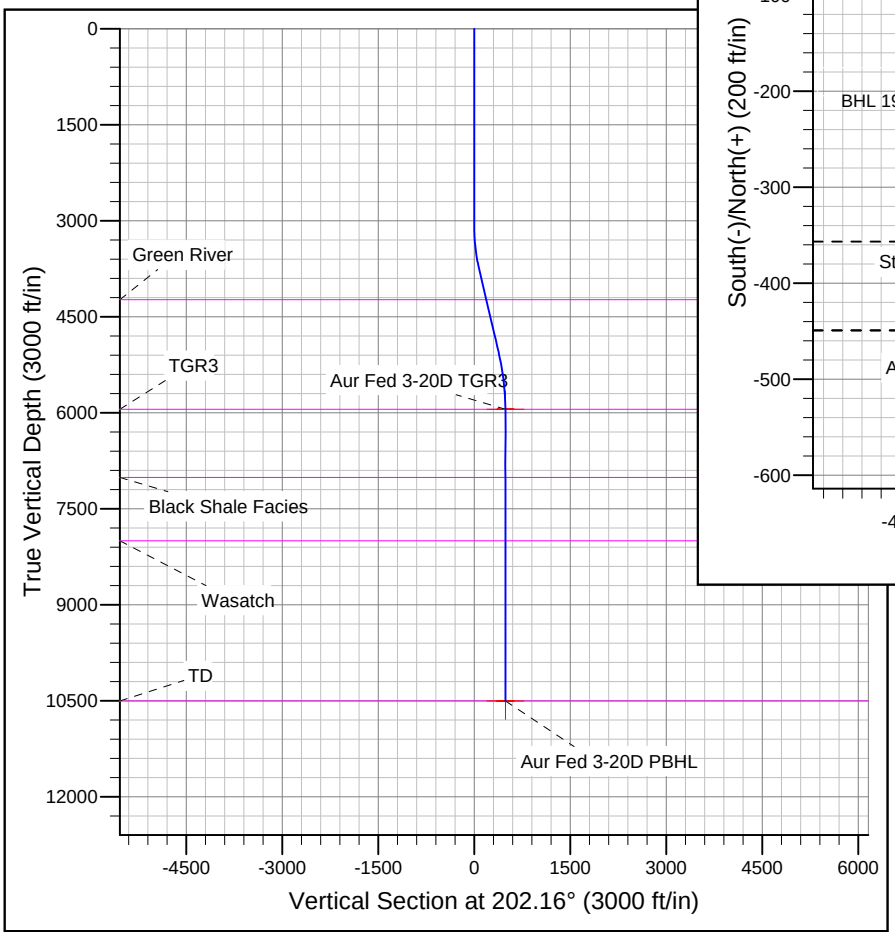
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3100.0	0.00	0.00	3100.0	0.0	0.0	0.00	0.00	0.0	
3	3756.9	13.14	202.16	3751.1	-69.4	-28.3	2.00	202.16	75.0	
4	5121.3	13.14	202.16	5079.8	-356.6	-145.3	0.00	0.00	385.1	
5	5997.1	0.00	0.00	5948.0	-449.2	-183.0	1.50	180.00	485.1	Aur Fed 3-20D TGR3
6	10552.1	0.00	0.00	10503.0	-449.2	-183.0	0.00	0.00	485.1	Aur Fed 3-20D PBHL

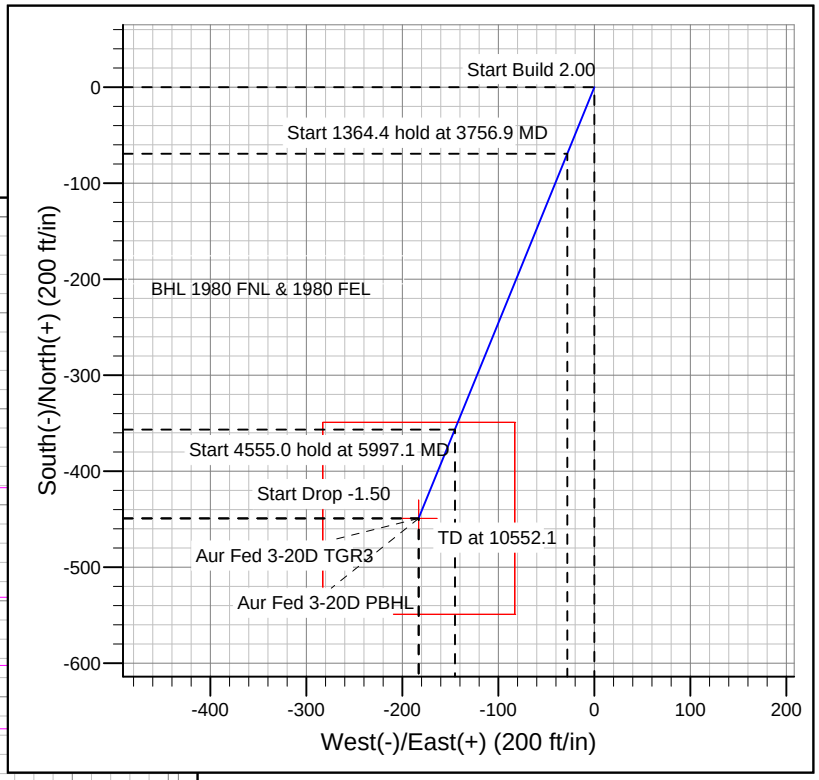
FORMATION TOP DETAILS

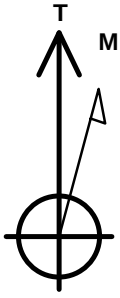
TVDPath	MDPath	Formation
4233.0	4251.7	Green River
5948.0	5997.1	TGR3
7013.0	7062.1	Black Shale Facies
8003.0	8052.1	Wasatch
10503.0	10552.1	TD

CASING DETAILS

No casing data is available







Azimuths to True North
Magnetic North: 11.36°

Magnetic Field
Strength: 52587.7snT
Dip Angle: 66.04°
Date: 12/31/2009
Model: IGRF200510

RECEIVED: September 14, 2011

Bill Barrett Corp

Planning Report

Database:	Compass	**Local Co-ordinate Reference:**	Well Aurora Federal 3-20D-7-20
Company:	BILL BARRETT CORP	**TVD Reference:**	KB @ 4834.0ft (Original Well Elev)
Project:	UINTAH COUNTY	**MD Reference:**	KB @ 4834.0ft (Original Well Elev)
Site:	Aurora Federal 3-20D-7-20	**North Reference:**	True
Well:	Aurora Federal 3-20D-7-20	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 3Aug2011		

Project	UINTAH COUNTY		
Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah North 4301		

Site	Aurora Federal 3-20D-7-20, SECTION 20-T7S-R20E				
Site Position:		**Northing:**	-42,297.26 ft	**Latitude:**	40° 12' 10.238 N
From:	Lat/Long	**Easting:**	2,504,588.03 ft	**Longitude:**	109° 41' 37.432 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	1.19 °

Well	Aurora Federal 3-20D-7-20, 213 FNL & 2370 FWL					
Well Position	**+N/-S**	0.0 ft	**Northing:**	-42,297.26 ft	**Latitude:**	40° 12' 10.238 N
	+E/-W	0.0 ft	**Easting:**	2,504,588.03 ft	**Longitude:**	109° 41' 37.432 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,818.0 ft

Wellbore	Plan #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	12/31/2009	11.36	66.04	52,588

Design	Design #1 3Aug2011			
Audit Notes:				
Version:	**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	202.16

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,756.9	13.14	202.16	3,751.1	-69.4	-28.3	2.00	2.00	0.00	202.16	
5,121.3	13.14	202.16	5,079.8	-356.6	-145.3	0.00	0.00	0.00	0.00	
5,997.1	0.00	0.00	5,948.0	-449.2	-183.0	1.50	-1.50	0.00	180.00	Aur Fed 3-20D TGR3
10,552.1	0.00	0.00	10,503.0	-449.2	-183.0	0.00	0.00	0.00	0.00	Aur Fed 3-20D PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	**Local Co-ordinate Reference:**	Well Aurora Federal 3-20D-7-20
Company:	BILL BARRETT CORP	**TVD Reference:**	KB @ 4834.0ft (Original Well Elev)
Project:	UINTAH COUNTY	**MD Reference:**	KB @ 4834.0ft (Original Well Elev)
Site:	Aurora Federal 3-20D-7-20	**North Reference:**	True
Well:	Aurora Federal 3-20D-7-20	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 3Aug2011		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	2.00	202.16	3,200.0	-1.6	-0.7	1.7	2.00	2.00	0.00
3,300.0	4.00	202.16	3,299.8	-6.5	-2.6	7.0	2.00	2.00	0.00
3,400.0	6.00	202.16	3,399.5	-14.5	-5.9	15.7	2.00	2.00	0.00
3,500.0	8.00	202.16	3,498.7	-25.8	-10.5	27.9	2.00	2.00	0.00
3,600.0	10.00	202.16	3,597.5	-40.3	-16.4	43.5	2.00	2.00	0.00
3,700.0	12.00	202.16	3,695.6	-58.0	-23.6	62.6	2.00	2.00	0.00
3,756.9	13.14	202.16	3,751.1	-69.4	-28.3	75.0	2.00	2.00	0.00
3,800.0	13.14	202.16	3,793.1	-78.5	-32.0	84.8	0.00	0.00	0.00
3,900.0	13.14	202.16	3,890.5	-99.6	-40.6	107.5	0.00	0.00	0.00
4,000.0	13.14	202.16	3,987.9	-120.6	-49.1	130.2	0.00	0.00	0.00
4,100.0	13.14	202.16	4,085.3	-141.7	-57.7	153.0	0.00	0.00	0.00
4,200.0	13.14	202.16	4,182.7	-162.7	-66.3	175.7	0.00	0.00	0.00
4,251.7	13.14	202.16	4,233.0	-173.6	-70.7	187.4	0.00	0.00	0.00
Green River									
4,300.0	13.14	202.16	4,280.0	-183.8	-74.9	198.4	0.00	0.00	0.00
4,400.0	13.14	202.16	4,377.4	-204.8	-83.4	221.2	0.00	0.00	0.00
4,500.0	13.14	202.16	4,474.8	-225.9	-92.0	243.9	0.00	0.00	0.00
4,600.0	13.14	202.16	4,572.2	-246.9	-100.6	266.6	0.00	0.00	0.00
4,700.0	13.14	202.16	4,669.6	-268.0	-109.2	289.3	0.00	0.00	0.00
4,800.0	13.14	202.16	4,767.0	-289.0	-117.7	312.1	0.00	0.00	0.00
4,900.0	13.14	202.16	4,864.3	-310.1	-126.3	334.8	0.00	0.00	0.00
5,000.0	13.14	202.16	4,961.7	-331.1	-134.9	357.5	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

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Company:	BILL BARRETT CORP	**TVD Reference:**	KB @ 4834.0ft (Original Well Elev)
Project:	UINTAH COUNTY	**MD Reference:**	KB @ 4834.0ft (Original Well Elev)
Site:	Aurora Federal 3-20D-7-20	**North Reference:**	True
Well:	Aurora Federal 3-20D-7-20	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 3Aug2011		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,100.0	13.14	202.16	5,059.1	-352.2	-143.5	380.3	0.00	0.00	0.00
5,121.3	13.14	202.16	5,079.8	-356.6	-145.3	385.1	0.00	0.00	0.00
5,200.0	11.96	202.16	5,156.7	-372.5	-151.7	402.2	1.50	-1.50	0.00
5,300.0	10.46	202.16	5,254.8	-390.5	-159.1	421.6	1.50	-1.50	0.00
5,400.0	8.96	202.16	5,353.3	-406.1	-165.4	438.5	1.50	-1.50	0.00
5,500.0	7.46	202.16	5,452.3	-419.3	-170.8	452.8	1.50	-1.50	0.00
5,600.0	5.96	202.16	5,551.6	-430.1	-175.2	464.4	1.50	-1.50	0.00
5,700.0	4.46	202.16	5,651.2	-438.5	-178.6	473.5	1.50	-1.50	0.00
5,800.0	2.96	202.16	5,751.0	-444.5	-181.1	480.0	1.50	-1.50	0.00
5,900.0	1.46	202.16	5,850.9	-448.1	-182.5	483.8	1.50	-1.50	0.00
5,997.1	0.00	0.00	5,948.0	-449.2	-183.0	485.1	1.50	-1.50	162.54
TGR3 - Aur Fed 3-20D TGR3									
6,000.0	0.00	0.00	5,950.9	-449.2	-183.0	485.1	0.00	0.00	0.00
6,100.0	0.00	0.00	6,050.9	-449.2	-183.0	485.1	0.00	0.00	0.00
6,200.0	0.00	0.00	6,150.9	-449.2	-183.0	485.1	0.00	0.00	0.00
6,300.0	0.00	0.00	6,250.9	-449.2	-183.0	485.1	0.00	0.00	0.00
6,400.0	0.00	0.00	6,350.9	-449.2	-183.0	485.1	0.00	0.00	0.00
6,500.0	0.00	0.00	6,450.9	-449.2	-183.0	485.1	0.00	0.00	0.00
6,600.0	0.00	0.00	6,550.9	-449.2	-183.0	485.1	0.00	0.00	0.00
6,700.0	0.00	0.00	6,650.9	-449.2	-183.0	485.1	0.00	0.00	0.00
6,800.0	0.00	0.00	6,750.9	-449.2	-183.0	485.1	0.00	0.00	0.00
6,900.0	0.00	0.00	6,850.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,000.0	0.00	0.00	6,950.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,062.1	0.00	0.00	7,013.0	-449.2	-183.0	485.1	0.00	0.00	0.00
Black Shale Facies									
7,100.0	0.00	0.00	7,050.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,200.0	0.00	0.00	7,150.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,300.0	0.00	0.00	7,250.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,400.0	0.00	0.00	7,350.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,500.0	0.00	0.00	7,450.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,600.0	0.00	0.00	7,550.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,700.0	0.00	0.00	7,650.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,800.0	0.00	0.00	7,750.9	-449.2	-183.0	485.1	0.00	0.00	0.00
7,900.0	0.00	0.00	7,850.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,000.0	0.00	0.00	7,950.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,052.1	0.00	0.00	8,003.0	-449.2	-183.0	485.1	0.00	0.00	0.00
Wasatch									
8,100.0	0.00	0.00	8,050.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,200.0	0.00	0.00	8,150.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,300.0	0.00	0.00	8,250.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,400.0	0.00	0.00	8,350.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,500.0	0.00	0.00	8,450.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,600.0	0.00	0.00	8,550.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,700.0	0.00	0.00	8,650.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,800.0	0.00	0.00	8,750.9	-449.2	-183.0	485.1	0.00	0.00	0.00
8,900.0	0.00	0.00	8,850.9	-449.2	-183.0	485.1	0.00	0.00	0.00
9,000.0	0.00	0.00	8,950.9	-449.2	-183.0	485.1	0.00	0.00	0.00
9,100.0	0.00	0.00	9,050.9	-449.2	-183.0	485.1	0.00	0.00	0.00
9,200.0	0.00	0.00	9,150.9	-449.2	-183.0	485.1	0.00	0.00	0.00
9,300.0	0.00	0.00	9,250.9	-449.2	-183.0	485.1	0.00	0.00	0.00
9,400.0	0.00	0.00	9,350.9	-449.2	-183.0	485.1	0.00	0.00	0.00
9,500.0	0.00	0.00	9,450.9	-449.2	-183.0	485.1	0.00	0.00	0.00
9,600.0	0.00	0.00	9,550.9	-449.2	-183.0	485.1	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	**Local Co-ordinate Reference:**	Well Aurora Federal 3-20D-7-20
Company:	BILL BARRETT CORP	**TVD Reference:**	KB @ 4834.0ft (Original Well Elev)
Project:	UINTAH COUNTY	**MD Reference:**	KB @ 4834.0ft (Original Well Elev)
Site:	Aurora Federal 3-20D-7-20	**North Reference:**	True
Well:	Aurora Federal 3-20D-7-20	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Plan #1		
Design:	Design #1 3Aug2011		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,700.0	0.00	0.00	9,650.9	-449.2	-183.0	485.1	0.00	0.00	0.00
9,800.0	0.00	0.00	9,750.9	-449.2	-183.0	485.1	0.00	0.00	0.00
9,900.0	0.00	0.00	9,850.9	-449.2	-183.0	485.1	0.00	0.00	0.00
10,000.0	0.00	0.00	9,950.9	-449.2	-183.0	485.1	0.00	0.00	0.00
10,100.0	0.00	0.00	10,050.9	-449.2	-183.0	485.1	0.00	0.00	0.00
10,200.0	0.00	0.00	10,150.9	-449.2	-183.0	485.1	0.00	0.00	0.00
10,300.0	0.00	0.00	10,250.9	-449.2	-183.0	485.1	0.00	0.00	0.00
10,400.0	0.00	0.00	10,350.9	-449.2	-183.0	485.1	0.00	0.00	0.00
10,500.0	0.00	0.00	10,450.9	-449.2	-183.0	485.1	0.00	0.00	0.00
10,552.1	0.00	0.00	10,503.0	-449.2	-183.0	485.1	0.00	0.00	0.00
TD - Aur Fed 3-20D PBHL									

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,251.7	4,233.0	Green River		0.00	
5,997.1	5,948.0	TGR3		0.00	
7,062.1	7,013.0	Black Shale Facies		0.00	
8,052.1	8,003.0	Wasatch		0.00	
10,552.1	10,503.0	TD		0.00	

Entry 2011003527
Book 1233 Page 99 $12.00
16-MAY-11 02:04
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
LAND PROFESSIONALS INC
PO BOX 790093 VERNAL, UT 84079
Rec By: DEBRA ROOKS , DEPUTY

RATIFICATION OF SURFACE USE AGREEMENT

State of Utah)(
)(
County of Uintah)(

Entry 2011003527
Book 1233 Page 99

For Ten Dollars ($10.00) and other adequate consideration, **Pelican Lake Farms, LLC of P.O. Box 833, Meeker, CO 81641,** has granted a Surface Use Agreement to **Elk Resources, LLC of 1401 17th Street, Suite 700, Denver, CO 80202**, dated **October 29, 2010**, for the purpose of drilling and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other structures, and producing, saving, take care of, treating, transporting, and owning oil, gas, and other minerals, all on or from **Pelican Lake Federal 20-22-7-20** on the following lands (the "Lands") in Uintah County Utah: **A tract of land lying in the NENW of Section 20, Township 7 South, Range 20 East, SLM,** Uintah County.

In a Warranty Deed, dated 03/30/2011, recorded 03/31/2011 in Book 1228, Page 456, Uintah County Records, Utah, Pelican Lake Farms, LLC, a Colorado Limited Liability Company conveyed the Lands to Cox Brothers Farms, Inc., an Idaho corporation.

NOW THEREFORE, the undersigned does hereby adopt, ratify and confirm the said Surface Use Agreement as to all of the terms and provisions therein. The undersigned hereby further declares that the said Surface Use Agreement in all of its terms and provisions is a valid and subsisting Surface Use Agreement, and declares that said Surface Use Agreement is binding upon the undersigned, and the undersigned's successors and assigns.

The Surface Use Agreement is effective as long thereafter as oil, gas, or other minerals are produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands.

This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.

Executed this 13 day of May, 2011.

SURFACE OWNER:

Cox Brothers Farms, Inc., an Idaho Corporation

Gary L. Cox

Gary L. Cox,
President and Director

W. Harrison Cox

W. Harrison Cox,
Vice-President and Director

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ACKNOWLEDGEMENT

STATE OF UTAH }
}:SS
COUNTY OF UINTAH }

BEFORE me, the undersigned, a Notary Public in and fore said County and State, on this 13th day of May, 2011, personally appeared Gary L. Cox, President and Director of Cox Brothers Farms, Inc., an Idaho corporation known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Notary Public

TERRA M. MILLER
Notary Public - State of Utah
Commission No. 602561
My Commission Expires on November 25, 2014

ACKNOWLEDGEMENT

STATE OF UTAH }
}:SS
COUNTY OF UINTAH }

BEFORE me, the undersigned, a Notary Public in and fore said County and State, on this 13th day of May, 2011, personally appeared W. Harrison Cox, Vice-President and Director of Cox Brothers Farms, Inc., an Idaho corporation known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Notary Public

TERRA M. MILLER
Notary Public - State of Utah
Commission No. 602561
My Commission Expires on November 25, 2014

BILL BARRETT CORPORATION
SURFACE USE PLAN

Aurora Federal #3-20D-7-20
NE NW, 213' FNL and 2370' FWL, Section 20, T7S-R20E, S.L.B.&M.
NE NW, 660' FNL and 2180' FWL, Section 20, T7S-R20E, S.L.B.&M.
Uintah County, UT

The onsite inspection for this pad (fka Pelican Lake Federal 20-22-7-20) occurred on February 9, 2011. Site specific conditions or changes as a result of that onsite are indicated below. Plat changes requested at the onsite are reflected within this APD.

a) The entire pad will be fenced as shown in the attached plat package;
b) The sportsman's access should remain open during drilling operations;
c) Cattleguard to be relocated from the new access segment to the sportsman's access just below the well approach to minimize maintenance and reduce the number of cattleguards;
d) New access segment to contain a security gate to limit public access to the well;
e) Wellsite will be bermed on the lake side to minimize opportunity for a spill to travel to the lake.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

a. The proposed well site is located approximately 22.7 miles southwest of Vernal, Utah. Maps and directions reflecting the route to the proposed well site are included (see Topographic maps A and B).

b. The existing Uintah County maintained 16500 East from UDOT maintained SR-88 would be utilized for 1.2 miles trending south to 6000 South that would be utilized for 0.5 miles trending west to the planned new access road.

c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.

d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.

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e. The use of roads under State and Uintah County Road Department maintenance are necessary to access the project area with no improvements proposed. No encroachment permit is required.

f. All existing roads would be maintained and kept in good repair during all phases of operation.

2. Planned Access Road:

a. Approximately 294 feet of existing Pelican Lake sportsman's access road would be upgraded trending south to the proposed new access road. New access is proposed from the existing sportsman's access road trending west 26 feet to the proposed well pad (see Topographic Map B).

b. The planned access road would be constructed to a 30-foot ROW width with an 18-foot travel surface. See section 12.d. below for disturbance estimates.

c. New road construction and improvements of existing roads would typically require the use of motor graders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.

d. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.

e. A maximum grade of 10% would be maintained throughout the project with minimum cuts and fills, as necessary, to access the well.

f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private or State of Utah lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.

g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.

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h. Turnouts are not proposed.

i. No culverts or low water crossings are anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.

j. One cattleguard is anticipated located south of the pad on the existing sportsman's access road. The pad entrance will include a locking security gate to preclude pad access by the public.

k. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.

l. All access roads and surface disturbing activities would conform to the appropriate standard, **no higher than necessary**, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition – Revised 2007.

m. The operator would be responsible for all maintenance needs of the new access road.

3. Location of Existing Wells (see One-Mile Radius Map):

a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i. water wells	none
ii. injection wells	none
iii. disposal wells	none
iv. drilling wells	none
v. temp shut-in wells	none
vi. producing wells	two
vii. abandoned wells	none

4. Location of Production Facilities

a. Surface facilities would consist of a wellhead, separator, gas meter, (1) 500 gal methanol tank, (1) 500 glycol tank, (3) 500 bbl oil tanks, (1) 500 bbl water tank, (1) 500 bbl test tank, (1) 1000 gal propane tank, a pumping unit or Roto-flex unit or gas lift unit with a natural gas fired motor, solar panels, solar chemical and methanol pumps and one trace pump. See attached proposed facility diagram.

b. Most wells would be fitted with a pump jack or Roto-flex unit or gas lift to assist liquid production if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime

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mover for pump jacks or Roto-flex units would be small (75 horsepower or less), natural gas-fired internal combustion engines. If a gas lift is installed, it would be set on a 10 ft x 15 ft pad and the prime mover would be a natural gas-fired internal combustion engine rated at 200 horsepower or less or an electric compressor of similar horsepower powered by a generator.

c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil.

d. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

e. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 27 ft tall. Combustor placement would be on existing disturbance.

f. The pipeline route will be submitted via sundry notice subsequently. Pipelines would be constructed of steel, polyethylene or fiberglass and would connect to a proposed pipeline servicing nearby BBC wells.

g. Any new segment of gas pipeline would be surface laid within a 30 foot wide pipeline corridor adjacent to the proposed access road.

h. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.

i. All permanent above-ground structures would be painted a flat, non-reflective color, such as Beetle Green, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

j. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to proposed facilities would be reflected in the site security diagram submitted.

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k. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

5. Location and Type of Water Supply:

a. Water for the drilling and completion would be trucked from any of the following locations:

Water Right No. and Application or Change No.	Applicant	Allocation	Priority Date	Point of Diversion	Source
49-1645 (A35800)	RN Industries, Inc.	50 ac-ft	4/10/2011	Sec 9, T8S, R20E, SLB&M	Underground Well
49-2336 (t78808)	RN Industries, Inc.	20 ac-ft	4/7/2011	Sec 33, T8S, R20E, SLB&M	Green River
43-8496 (A53617)	A-1 Tank Rental	0.015 cfs	8/17/1979	Sec 32, T4S, R3E, USB&M	Underground Well
43-10288 (A65273)	Nile Chapman (RNI)	0.45 ac-ft	4/4/1991	Sec 9, T2S, R2W, USB&M	Underground Well

b. No new water well is proposed with this application.

c. Should additional water sources be pursued they would be properly permitted through the State of Utah – Division of Water Rights.

d. Water use would vary in accordance with the formations to be drilled but would be up to approximately 5.41 acre feet for drilling and completion operations.

6. Source of Construction Material:

a. The use of materials would conform to 43 CFR 3610.2-3.

b. No construction materials would be removed from the lease or EDA area.

c. If any additional gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

7. Methods of Handling Waste Disposal:

a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.

b. The reserve pit would be constructed so as not to leak, break or allow any discharge.

c. The reserve would be lined with 12 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the reserve pit at all times.

d. To deter livestock from entering the pit, the three sides exterior to the location would be fenced before drilling starts. Following the conclusion of drilling and completion activities, the fourth side would also be fenced.

e. Drill cuttings would be contained in the pit and buried on-site for a period not to exceed six months, weather permitting

f. Produced fluids from the well other than water would be decanted into steel test tank(s) until such time as construction of production facilities is completed. Any oil that may be accumulated would be transferred to a permanent production tank. Produced water may be used in further drilling and completion activities, evaporated in the pit, or would be hauled to one of the state-approved disposal facilities below:

Disposal Facilities
1. LaPoint Recycle & Storage – Sec. 12, T5S-R19E
2. Dalbo, Inc. Ace Disposal - Sec. 35, T5S-R20W & Sec. 2, T6S-R20W

g. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.

h. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.

i. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO_2 gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.

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j. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.

k. Sanitary waste equipment and trash bins would be removed from the Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.

l. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the Project Area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is feasible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.

m. Hydrocarbons would be removed from the reserve pit would as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

a. Garbage containers and portable toilets would be located on the well pad.

b. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. The well pad could include up to five single wide mobile homes or fifth wheel campers/trailers.

c. A surface powerline corridor is proposed for installation by a third-party installer. The powerline route will be submitted via sundry notice subsequently.

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9. Well Site Layout:

a. The well would be properly identified in accordance with 43 CFR 3162.6.

b. The pad layout, cross section diagrams and rig layout are enclosed (see Figures 1 and 2).

c. The pad and road designs are consistent with industry specifications.

d. The pad has been staked at its maximum size of 400 feet x 300 feet with an inboard reserve pit size of 100 feet x 225 feet x 10 feet deep. See section 12.d below for disturbance estimates.

e. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.

f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.

g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.

h. All cut and fill slopes would be such that stability can be maintained for the life of the activity.

i. Diversion ditches would be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.

j. Water application may be implemented if necessary to minimize the amount of fugitive dust.

k. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

10. Plan for Restoration of the Surface:

a. A site specific reclamation plan would be submitted, if requested, within 90 days of location construction to the surface managing agency or the fee landowners.

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b. Site reclamation would be accomplished for portions of the well pad not required for the continued operation of the well on this pad within six months of completion, weather permitting.

c. The operator would control noxious weeds along access road use authorizations and well site by spraying or mechanical removal, according to the Utah Noxious Weed Act and as set forth in the approved surface damage agreements.

d. Rat and mouse holes would be filled and compacted from bottom to top immediately upon release of the drilling rig from location. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. The reserve pit would be allowed to dry prior to the commencement of backfilling work. No attempts would be made to backfill the reserve pit until it is free of standing water. Once dry, the liner would be torn and perforated before backfilling.

e. The reserve pit and that portion of the location not needed for production facilities/operations would be recontoured to the approximate natural contours. Areas not used for production purposes would be backfilled and blended into the surrounding terrain, reseeded and erosion control measures installed. Mulching, erosion control measures and fertilization may be required to achieve acceptable stabilization. Back slopes and fore slopes would be reduced as practical and scarified with the contour. The reserved topsoil would be evenly distributed over the slopes and scarified along the contour. Slopes would be seeded with the Ute Tribe specified seed mix.

f. Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the Ute Tribe prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.

11. Surface and Mineral Ownership:

a. Surface ownership – Cox Brothers Farms, Inc.; 325 South 2950 East; Declo, Idaho 83323.
- 208-431-5541 (Gary Cox cell)
- 208-489-3710 (Harrison Cox cell)

b. Mineral ownership – Federal under the management of the BLM – Vernal Field Office.

12. Other Information:

a. Montgomery Archeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as report 11-044 dated March 18, 2011.

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b. The required biological survey was waived by the BLM wildlife biologist following the onsite visit.

c. BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.

d. Project personnel and contractors would be educated on and subject to the following requirements:
- No dogs or firearms within the Project Area.
- No littering within the Project Area.
- Smoking within the Project Area would only be allowed in off-operator active locations or in specifically designated smoking areas. All cigarette butts would be placed in appropriate containers and not thrown on the ground or out windows of vehicles; personnel and contractors would abide by all fire restriction orders.
- Campfires or uncontained fires of any kind would be prohibited.
- Portable generators used in the Project Area would have spark arrestors.

e. Disturbance estimates:

Approximate Acreage Disturbances			
Well Pad		4.081	acres
Access	26 feet	0.018	acres
	Total	**4.10**	**acres**

Bill Barrett Corporation
Surface Use Plan
#3-20D-7-20
Uintah County, UT

OPERATOR CERTIFICATION

Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Bill Barrett Corporations federal nationwide bond. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

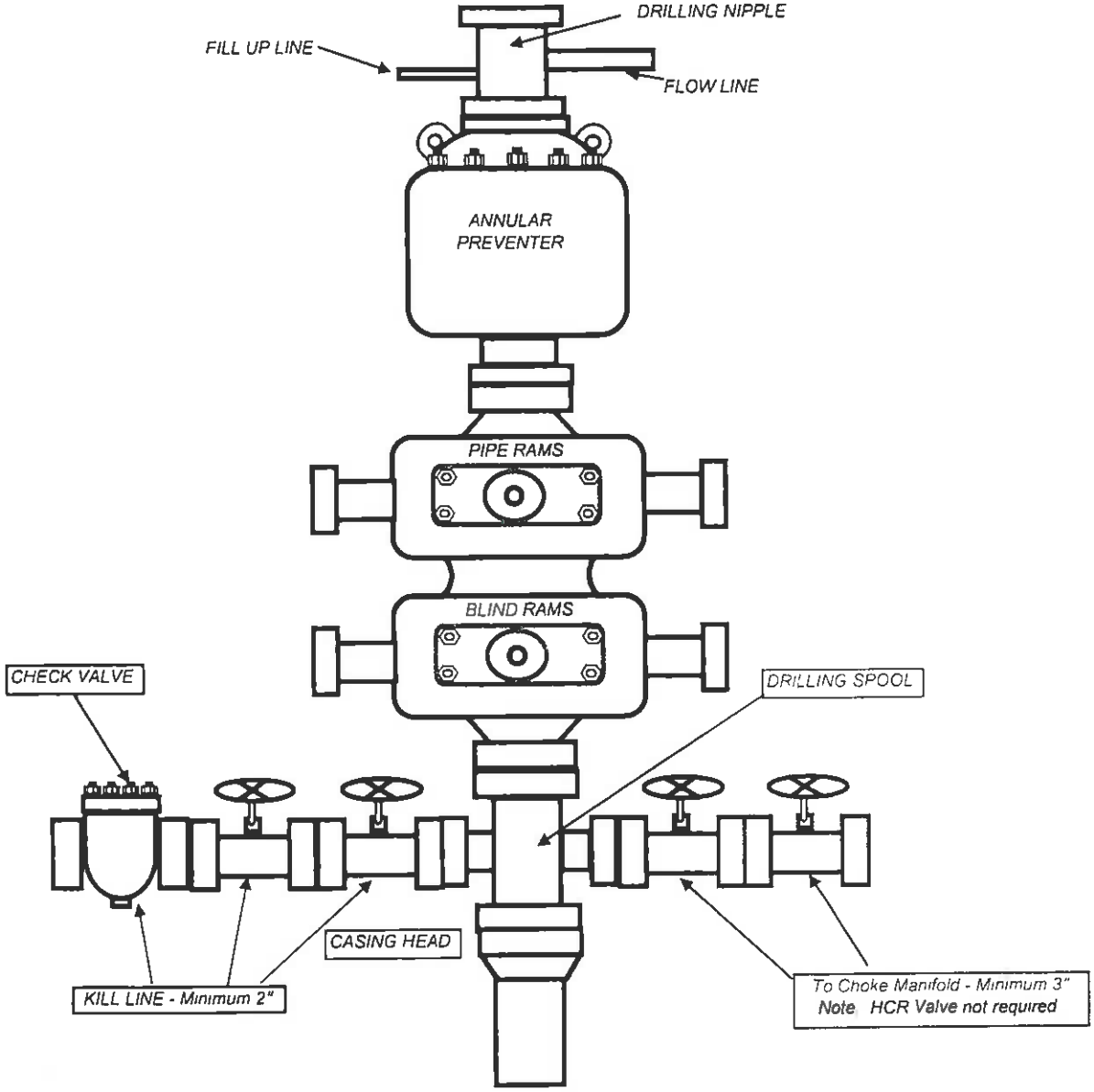
Executed this	14th day of September 2011
Name:	Venessa Langmacher
Position Title:	Senior Permit Analyst
Address:	1099 18th Street, Suite 2300, Denver, CO 80202
Telephone:	303-312-8172
E-mail:	vlangmacher@billbarrettcorp.com
Field Representative	Kary Eldredge / Bill Barrett Corporation
Address:	1820 W. Highway 40, Roosevelt, UT 84066
Telephone:	435-725-3515 (office); 435-724-6789 (mobile)
E-mail:	keldredge@billbarrettcorp.com

Venessa Langmacher

Venessa Langmacher, Senior Permit Analyst

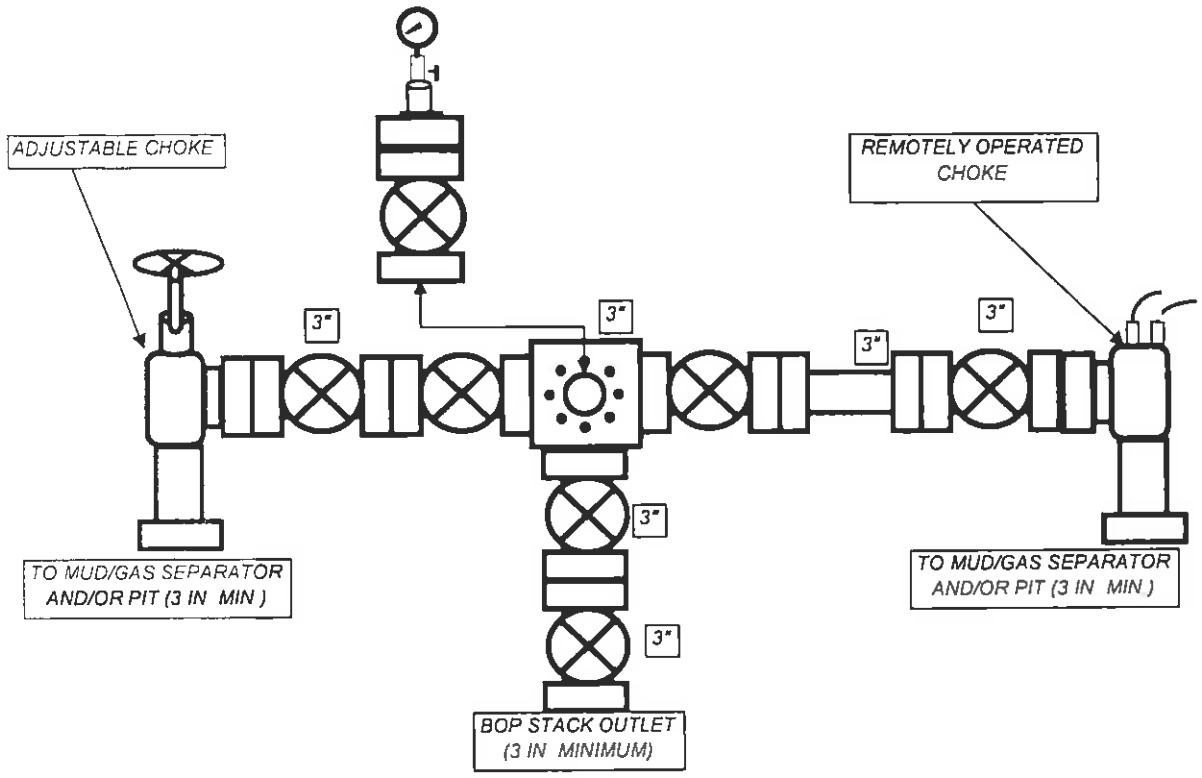
BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



Bill Barrett Corporation

September 14, 2011

Ms. Diana Mason – Petroleum Technician
State of Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Directional Drilling **Aurora Federal 3-20D-7-20**

East Bluebell Area
Surface: 213' FNL, 2370' FWL, NENW, Section 20-T7S-R20E
Bottom Hole: 660' FNL, 2180' FWL, NENW, Section 20-T7S-
Uintah County, Utah

Dear Ms. Mason,

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill the above referenced well, we hereby submit this letter in accordance with Oil & Gas Conservation Rules R649-2, R649-3, R649-10 and R649-11, pertaining to the Location and Siting of Wells.

- The proposed location is within our East Bluebell Area.
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area.
- The well will be drilled under UT 075093.
- BBC certifies that it is the working interest owner of all lands within 460 feet of the proposed well location, and together with EnCana, we own 100% of the working interest in these lands.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. Should you have any questions or need further information, please contact me at 303-299-9935.

Sincerely,

Vanessa Langmacher for

Thomas Abell
Landman

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

Bill Barrett Corporation

September 14, 2011

Ms. Diana Mason – Petroleum Technician
STATE OF UTAH DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: **Exception Location – Aurora 3-20D-7-20 – East Bluebell Area**
Surface Location: 213' FNL, 2370' FWL, NENW, Section 20-T7S-R20E
Producing Interval: 662' FNL, 2187' FWL, NENW, Section 20-T7S-R20E
Bottom Location: 660' FNL, 2180' FWL, NENW, Section 20-T7S-R20E
Uintah County, Utah

Dear Ms. Mason,

Bill Barrett Corporation ("BBC") hereby submits an exception location letter in accordance with Oil & Gas Conservation Rules R649-3-3, requesting an exception well location, supported by the following information:

- The location is within our East Bluebell Area.
- The exception location is due to topography requirements and to minimize surface disturbance.
- BBC certifies that it is the working interest owner along with EnCana (who also consents to this exception location request), and together we own 100% of the working interest within 460 feet of the proposed well location.
- Our rights are owned under UTU-75093

Based on the information provided, BBC requests the Division grant this exception to the locating and siting requirements of R649-3-2. Should you have any questions or need further information, please contact me at 303-299-9935

Sincerely,

Thomas Abell for
Landman
tabell@billbarrettcorp.com

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

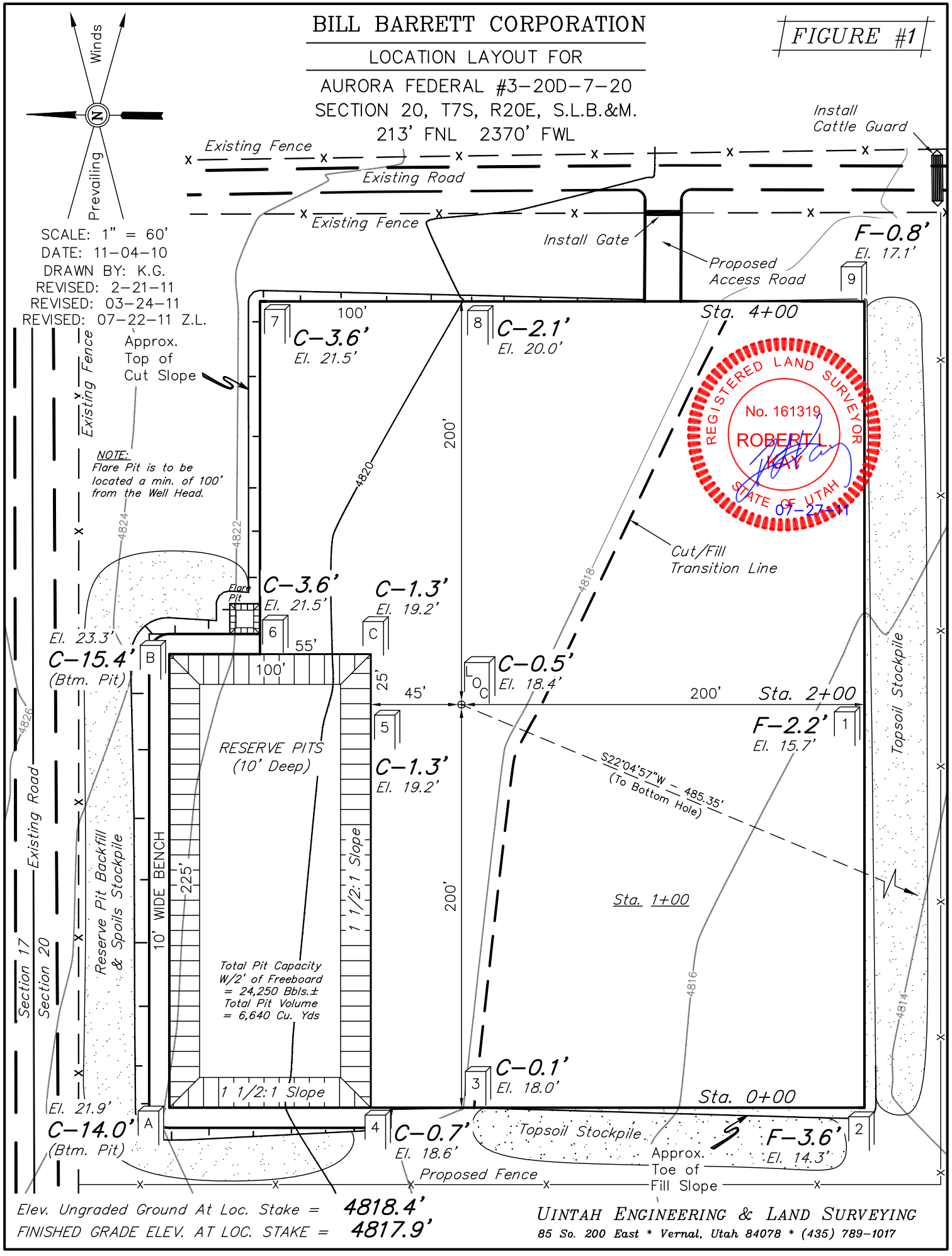
API Well Number: 43047520050000

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

AURORA FEDERAL #3-20D-7-20
SECTION 20, T7S, R20E, S.L.B.&M.
213' FNL 2370' FWL

FIGURE #1



Elev. Ungraded Ground At Loc. Stake = 4818.4'
FINISHED GRADE ELEV. AT LOC. STAKE = 4817.9'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: September 14, 2011

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

AURORA FEDERAL #3-20D-7-20

SECTION 20, T7S, R20E, S.L.B.&M.

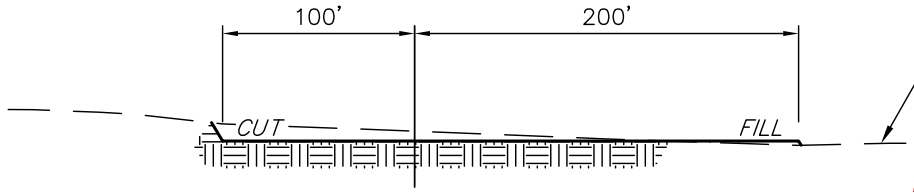
213' FNL 2370' FWL

FIGURE #2

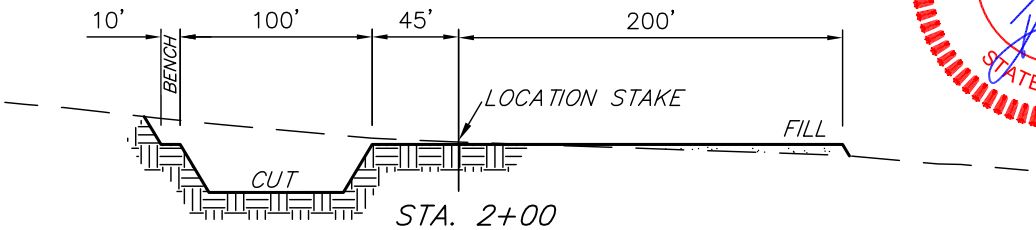
1" = 40' X-Section Scale

1" = 100'

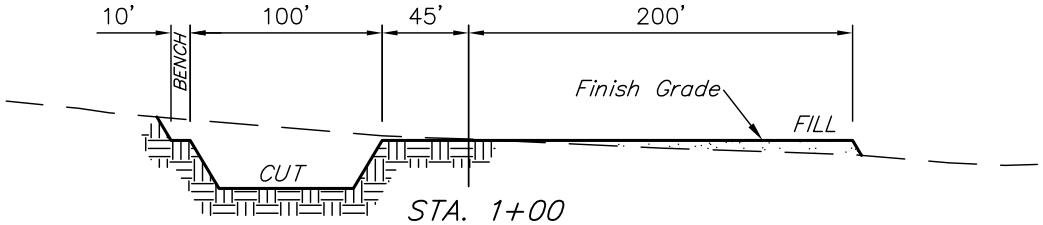
DATE: 11-04-10
DRAWN BY: K.G.
REVISED: 07-22-11 Z.L.



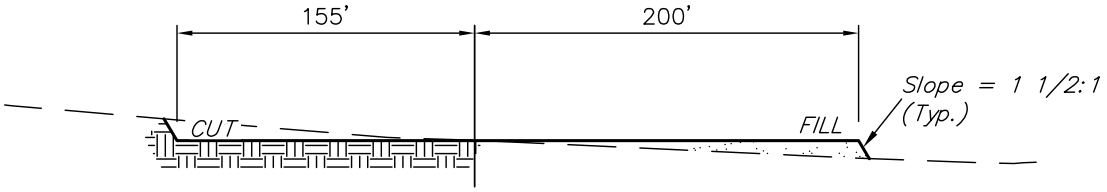
STA. 4+00



STA. 2+00



STA. 1+00



STA. 0+00

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
07-27-11

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.081 ACRES
ACCESS ROAD DISTURBANCE = ± 0.018 ACRES
TOTAL = ± 4.099 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	5,320 Cu. Yds.
Remaining Location	=	9,570 Cu. Yds.
TOTAL CUT	=	14,890 CU.YDS.
FILL	=	6,040 CU.YDS.

EXCESS MATERIAL	=	8,850 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	8,640 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	210 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

RECEIVED: September 14, 2011

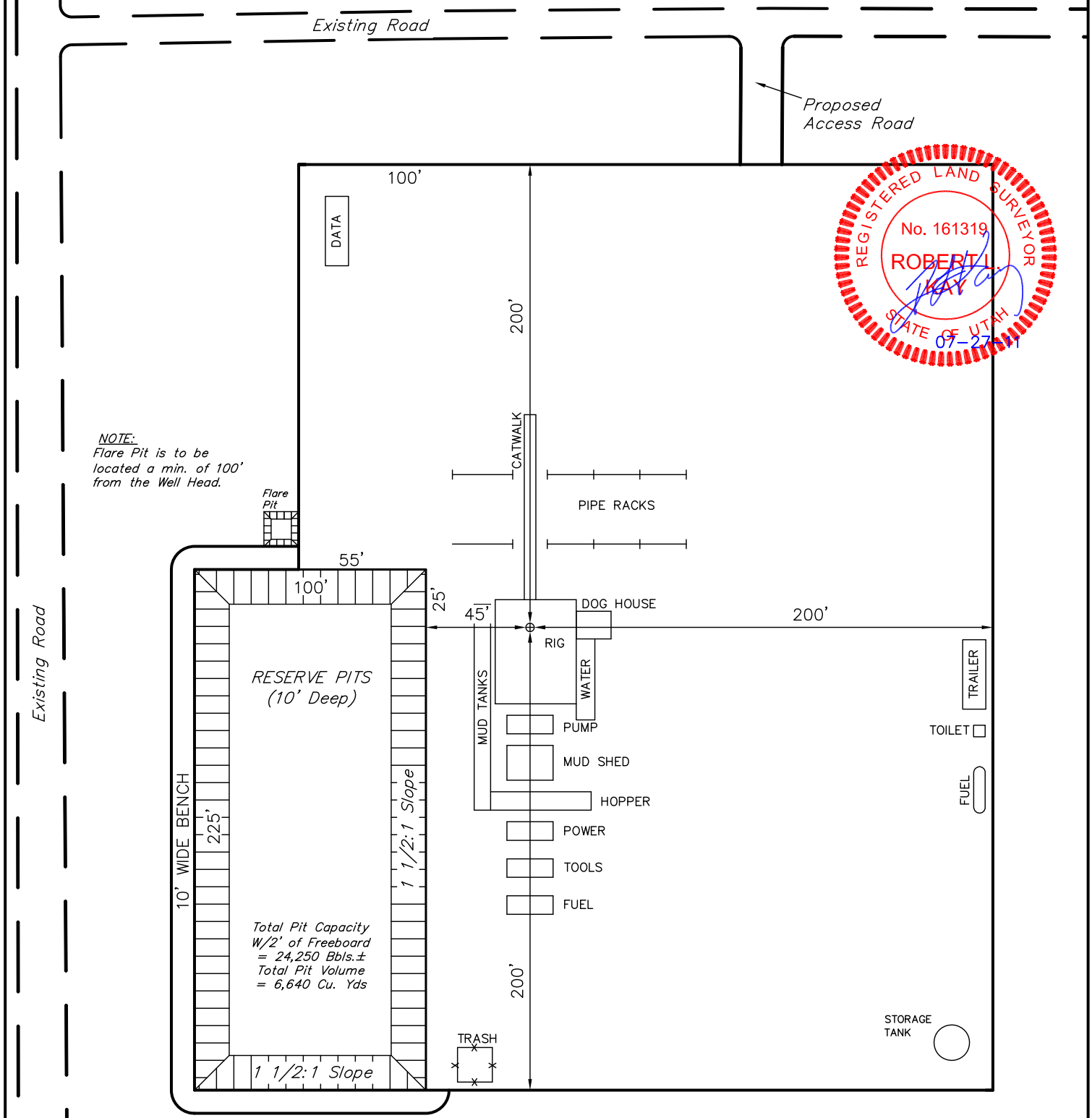
BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

AURORA FEDERAL #3-20D-7-20
SECTION 20, T7S, R20E, S.L.B.&M.
213' FNL 2370' FWL

FIGURE #3

SCALE: 1" = 60'
DATE: 11-04-10
DRAWN BY: K.G.
REVISED: 2-21-11
REVISED: 07-22-11 Z.L.



REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
07-27-11

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: September 14, 2011

BILL BARRETT CORPORATION

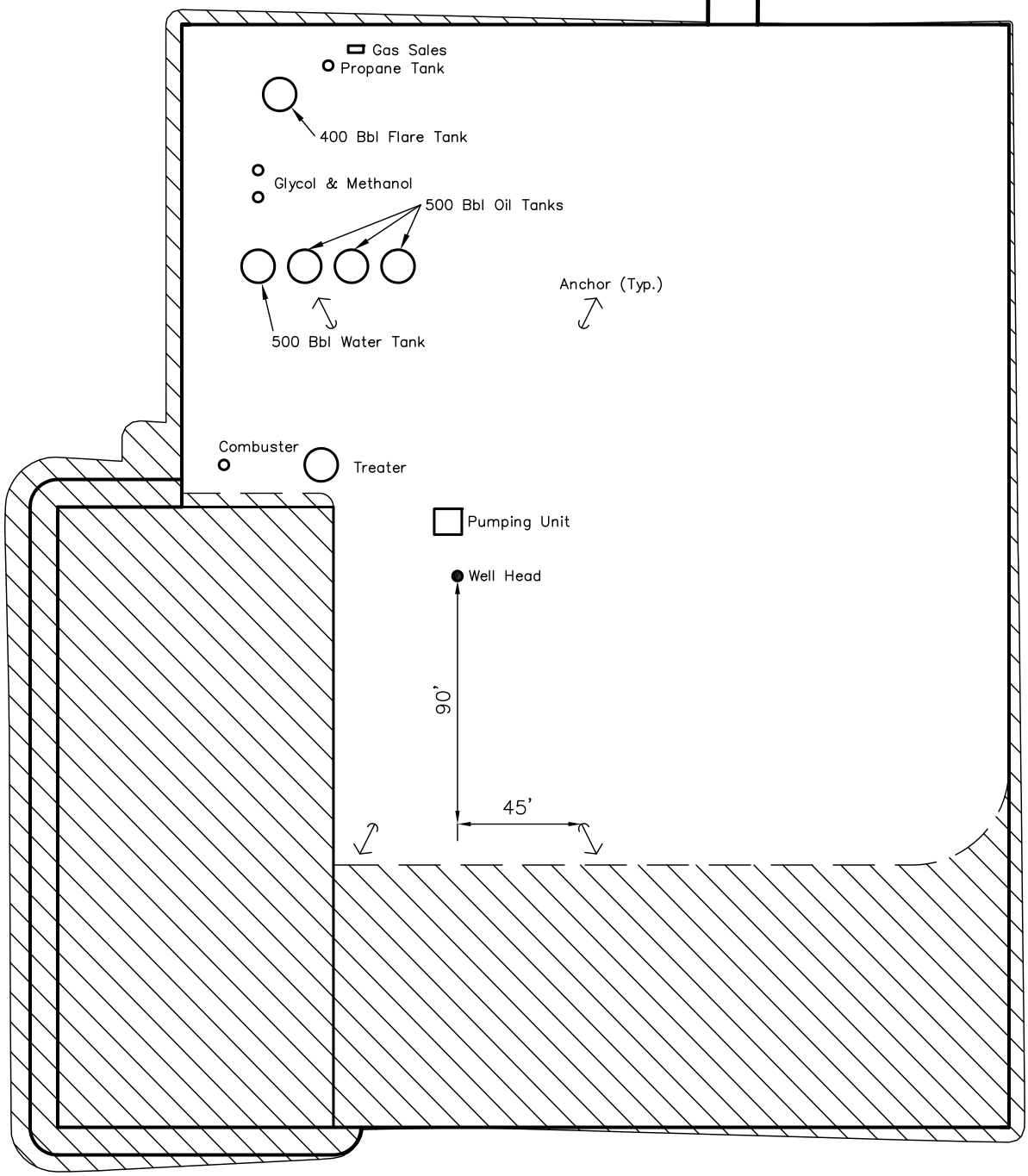
PRODUCTION FACILITY LAYOUT FOR

AURORA FEDERAL #3-20D-7-20
SECTION 20, T7S, R20E, S.L.B.&M.
213' FNL 2370' FWL

FIGURE #4

SCALE: 1" = 60'
DATE: 07-22-11
DRAWN BY: Z.L.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. MAY
STATE OF UTAH
07-27-11



APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.923 ACRES

INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: September 14, 2011

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

September 16, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Aurora (Deep) Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Aurora (Deep) Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER-WASATCH)		
43-047-52005	Aurora 3-20D-7-20	Sec 20 T07S R20E 0213 FNL 2370 FWL
		BHL Sec 20 T07S R20E 0660 FNL 2180 FWL
43-047-52006	Aurora 15-28D-7-20	Sec 28 T07S R20E 0098 FSL 2286 FEL
		BHL Sec 28 T07S R20E 0660 FSL 1980 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.09.16 10:41:41 -06'00'

bcc: File - Aurora Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:9-16-11

RECEIVED: September 16, 2011

API Well Number: 43047520050000

Bill Barrett Corporation

COMPANY DETAILS: BILL BARRETT CORP	
Calculation Method:	Minimum Curvature
Error System:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Elliptical Conic
Warning Method:	Error Ratio

SITE DETAILS: Aurora Federal 3-20D-7-20	
SECTION 20-T7S-R20E	
213 FNL & 2370 FWL	
Site Centre Latitude:	40° 12' 10.238 N
Longitude:	109° 41' 37.432 W
Positional Uncertainity:	0.0
Convergence:	1.19
Local North:	True

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Aur Fed 3-20D TGR3	5948.0	-449.2	-183.0	40° 12' 5.800 N	109° 41' 39.790 W	Rectangle (Sides: L200.0 W200.0)
Aur Fed 3-20D PBHL	10503.0	-449.2	-183.0	40° 12' 5.800 N	109° 41' 39.790 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

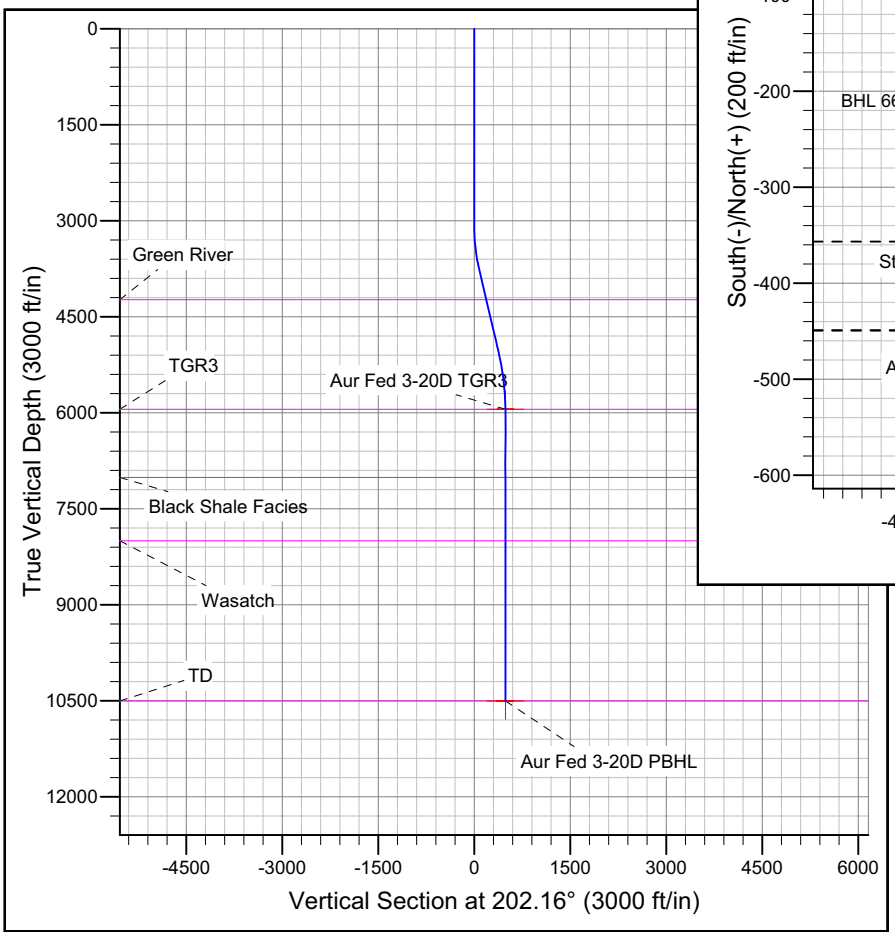
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3100.0	0.00	0.00	3100.0	0.0	0.0	0.00	0.00	0.0	
3	3756.9	13.14	202.16	3751.1	-69.4	-28.3	2.00	202.16	75.0	
4	5121.3	13.14	202.16	5079.8	-356.6	-145.3	0.00	0.00	385.1	
5	5997.1	0.00	0.00	5948.0	-449.2	-183.0	1.50	180.00	485.1	Aur Fed 3-20D TGR3
6	10552.1	0.00	0.00	10503.0	-449.2	-183.0	0.00	0.00	485.1	Aur Fed 3-20D PBHL

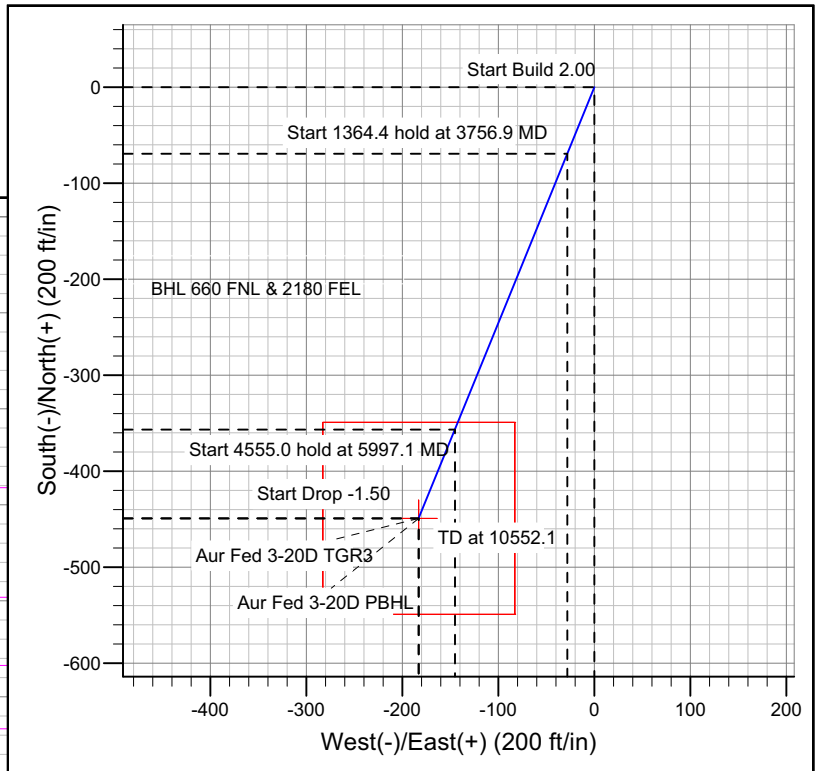
FORMATION TOP DETAILS

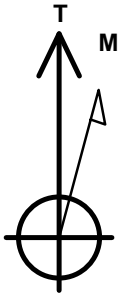
TVDPath	MDPath	Formation
4233.0	4251.7	Green River
5948.0	5997.1	TGR3
7013.0	7062.1	Black Shale Facies
8003.0	8052.1	Wasatch
10503.0	10552.1	TD

CASING DETAILS

No casing data is available







Azimuths to True North
Magnetic North: 11.36°

Magnetic Field
Strength: 52587.7snT
Dip Angle: 66.04°
Date: 12/31/2009
Model: IGRF200510

API Well Number: 43047520060000

Bill Barrett Corporation

COMPANY DETAILS: BILL BARRETT CORP

Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic
Warning Method: Error Ratio

SITE DETAILS: Aurora Federal 15-28-7-20

SECT28-T7S-R20E
98 FSL & 2286 FEL

Site Centre Latitude: 40° 10' 27.142 N
Longitude: 109° 40' 19.171 W

Positional Uncertainity: 0.0
Convergence: 1.21
Local North: True

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
15-28D TGR3	5444.0	565.5	301.3	40° 10' 32.729 N	109° 40' 15.290 W	Rectangle (Sides: L200.0 W200.0)
15-28D PBHL	9654.0	565.5	301.3	40° 10' 32.729 N	109° 40' 15.290 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

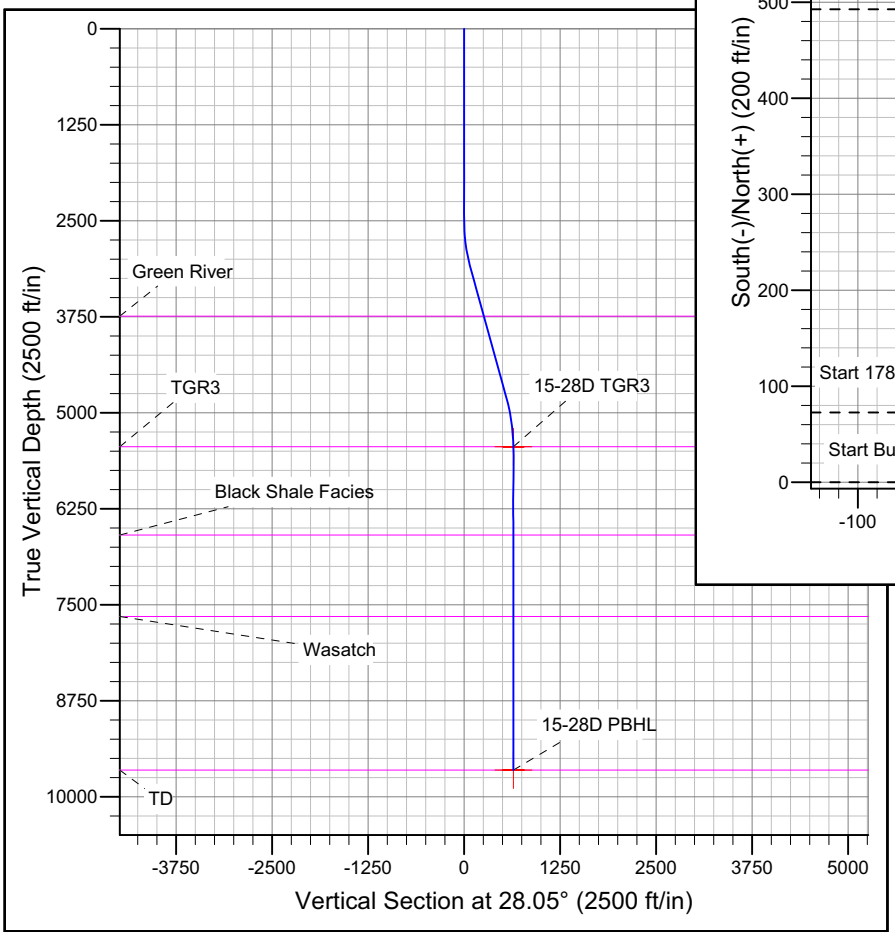
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	3116.6	15.42	28.05	3109.2	72.8	38.8	2.50	28.05	82.5	
4	4906.6	15.42	28.05	4834.8	492.7	262.5	0.00	0.00	558.3	
5	5523.2	0.00	0.00	5444.0	565.5	301.3	2.50	180.00	640.7	15-28D TGR3
6	9733.2	0.00	0.00	9654.0	565.5	301.3	0.00	0.00	640.7	15-28D PBHL

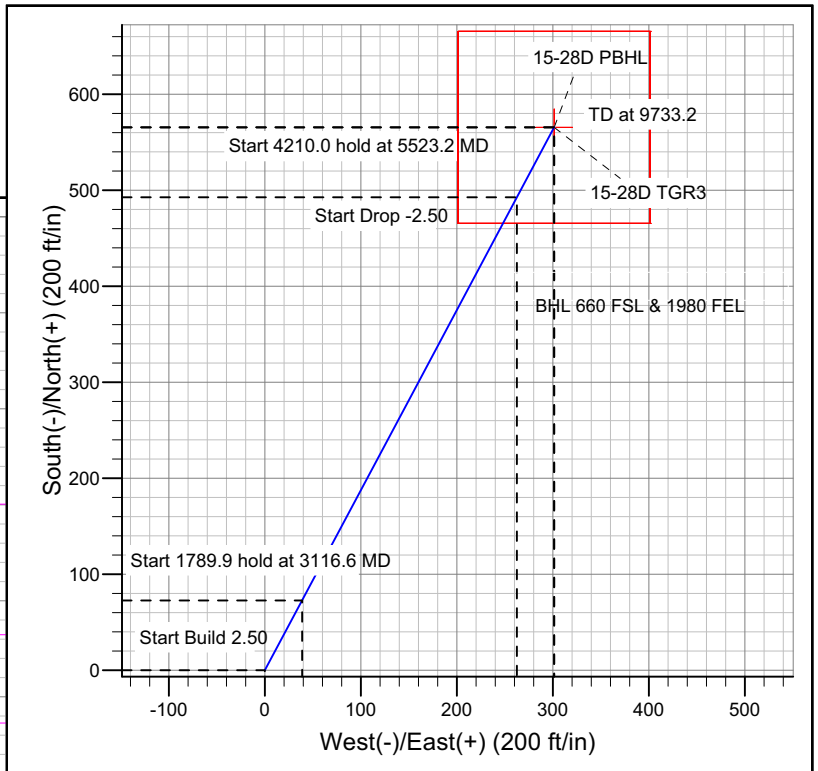
FORMATION TOP DETAILS

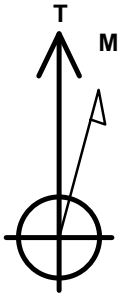
TVDPath	MDPath	Formation
3744.0	3775.1	Green River
5444.0	5523.2	TGR3
6594.0	6673.2	Black Shale Facies
7654.0	7733.2	Wasatch
9654.0	9733.2	TD

CASING DETAILS

No casing data is available





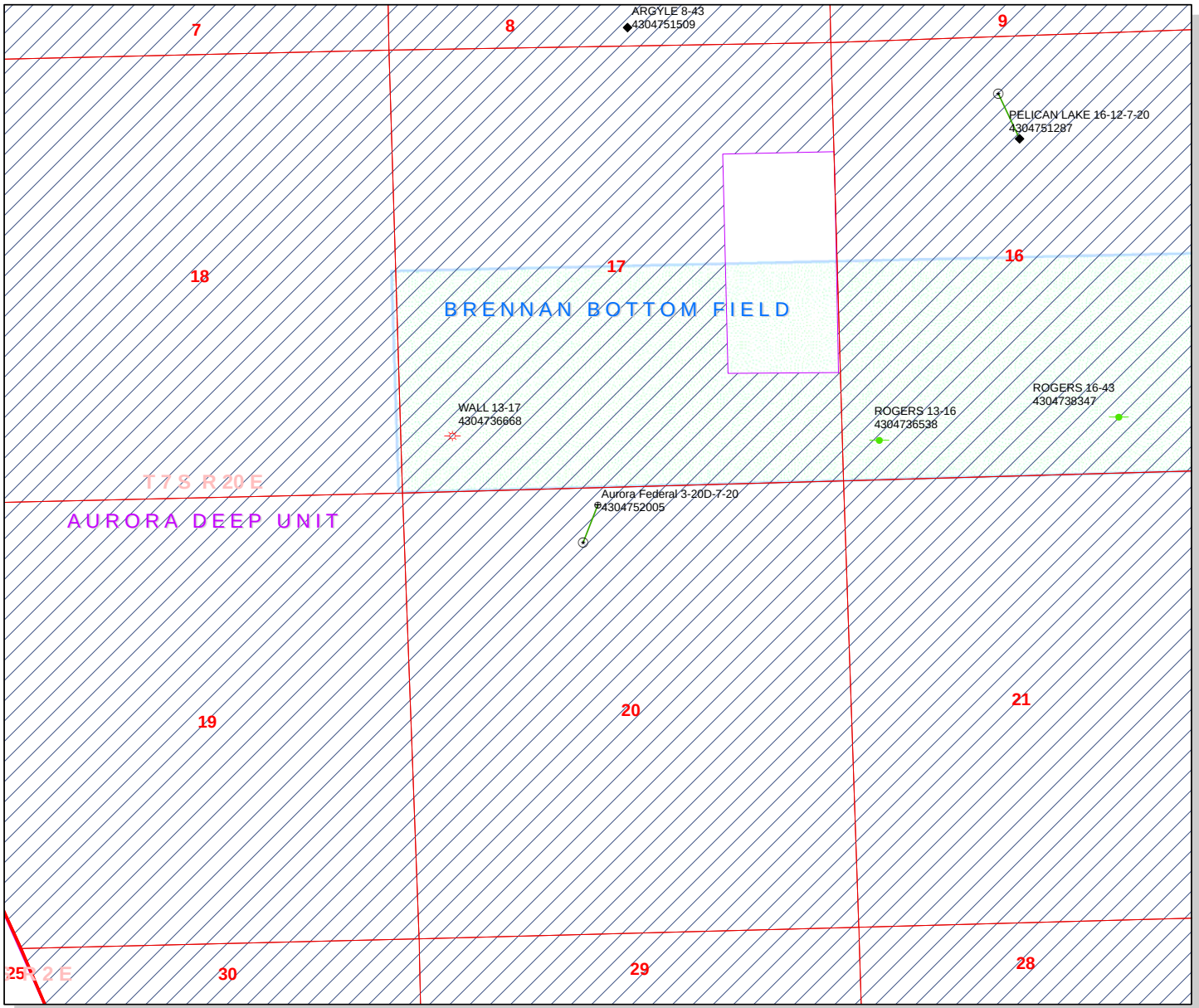


Azimuths to True North
Magnetic North: 11.34°

Magnetic Field
Strength: 52575.4snT
Dip Angle: 66.02°
Date: 12/31/2009
Model: IGRF200510

RECEIVED: September 16, 2011

API Well Number: 43047520050000



API Number: 4304752005

Well Name: Aurora Federal 3-20D-7-20

Township T0.7 . Range R2.0 . Section 20

Meridian: SLBM

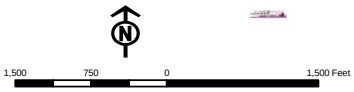
Operator: BILL BARRETT CORP

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED
Sections
Township

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
RET - Returned APD
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well



1:14,795

RECEIVED: September 16, 2011

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	BILL BARRETT CORP				
Well Name	Aurora Federal 3-20D-7-20				
API Number	43047520050000	**APD No**	4649	**Field/Unit**	UNDESIGNATED
Location: 1/4,1/4	NENW **Sec** 20 **Tw** 7.0S **Rng** 20.0E 213 FNL 2370 FWL				
GPS Coord (UTM)	611180 4450881	**Surface Owner**	Cox Brothers Farms Inc		

Participants

Kary Eldredge (BBC), Don Hamilton (Star Point), Cody Rich (UELS)

Regional/Local Setting & Topography

This location sits near the north edge of Pelican lake only slightly elevated (approximately 25 feet) above the lake surface elevation. Drainage is directly to the lake over a gentle slope. It appears that ground water is very close to the surface at this site. Pelican lake is a popular warm water sprort fishery. The location is 8 miles south of Highway 40 at a point roughly midway between Vernal and Roosevelt, UT and only 1 mile from Hwy 88.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.06	**Width** 300 **Length** 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

tall weeds (white top) and grass
sight managed for upland game and water fowl hunting.

Soil Type and Characteristics

Deep sandy clay loam soils with high ground water

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Location must be bermed due to close proximity to lake

Erosion Sedimentation Control Required? N

Paleo Survey Run? **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)		20	
Distance to Surface Water (feet)	300 to 1000	2	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	42	1 Sensitivity Level

Characteristics / Requirements

A closed loop drilling system appears to be a more suitable method for this site.

Closed Loop Mud Required? Y **Liner Required?** **Liner Thickness** **Pit Underlayment Required?**

Other Observations / Comments

This site was previously onsited by Floyd Bartlett with the BLM for Elk Resources.

Richard Powell	10/5/2011
Evaluator	**Date / Time**

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4649	43047520050000	LOCKED	OW	P	No

Operator	BILL BARRETT CORP	**Surface Owner-APD**	Cox Brothers Farms Inc
Well Name	Aurora Federal 3-20D-7-20	**Unit**	AURORA (DEEP)
Field	UNDESIGNATED	**Type of Work**	DRILL

Location NENW 20 7S 20E S 213 FNL 2370 FWL GPS Coord (UTM) 611115E 4451086N

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Federal Government. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill	10/12/2011
APD Evaluator	**Date / Time**

Surface Statement of Basis

This proposed well is split estate with federal minerals and fee surface, but the BLM did not attend because they had inspected the site previously for Elk Resources. The drilling rights were afterwards transferred to Bill Barrett. The land owners Cox Brothers farms were invited but chose not to attend. The use of a reserve pit was discussed at the time of this inspection, but it appears that a closed loop system is more appropriate for this site. Access to the location is from a Utah DWR sportsman access to Pelican Lake with a new access of only 26ft. DWR did not attend this onsite but were present during the original Elk onsite and approved of the access. The only significant change to the sportsman access is that the cattle guard will be moved from the existing road turnoff to the south side of the new location access.
This location must be bermed to contain any possible leaks or spills due to the close proximity of Pelican Lake.

Richard Powell	10/5/2011
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Surface	The location shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

RECEIVED: October 19, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/14/2011
API NO. ASSIGNED: 43047520050000
WELL NAME: Aurora Federal 3-20D-7-20
OPERATOR: BILL BARRETT CORP (N2165)
PHONE NUMBER: 303 312-8172
CONTACT: Venessa Langmacher

PROPOSED LOCATION: NENW 20 070S 200E
Permit Tech Review: ☑

SURFACE: 0213 FNL 2370 FWL
Engineering Review: ☐

BOTTOM: 0660 FNL 2180 FWL
Geology Review: ☑

COUNTY: UINTAH
LATITUDE: 40.20286
LONGITUDE: -109.69372
UTM SURF EASTINGS: 611115.00
NORTHINGS: 4451086.00
FIELD NAME: UNDESIGNATED
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU75093
PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH
SURFACE OWNER: 4 - Fee
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - WYB000040
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** Green River Section 33, T8S - R20E
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: AURORA (DEEP)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: R649-3-11
Effective Date:
Siting:

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
4 - Federal Approval - dmason
5 - Statement of Basis - bhill
15 - Directional - dmason
23 - Spacing - dmason

RECEIVED: October 19, 2011

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Aurora Federal 3-20D-7-20
API Well Number: 43047520050000
Lease Number: UTU75093
Surface Owner: FEE (PRIVATE)
Approval Date: 10/19/2011

Issued to:
BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

Federal Approval of this Action is Necessary

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UTU75093

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:
AURORA (DEEP)

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Aurora Federal 3-20D-7-20

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43047520050000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8164 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0213 FNL 2370 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 20 Township: 07.0S Range: 20.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 1/1/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	✓ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ SPUD REPORT Date of Spud:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, completion into two or more pools, BBC is submitting this sundry to request commingling approval for the Green River and Wasatch formations. Oil and associated gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letter and affidavit of notice is attached.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 11/23/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Venessa Langmacher	303 312-8172	Senior Permit Analyst
SIGNATURE		**DATE**
N/A		11/1/2011

RECEIVED Nov. 01, 2011

Bill Barrett Corporation

November 1, 2011

Utah Division of Oil, Gas and Mining
Attention: Dustin Doucet
1594 West North Temple, Suite 1120
Salt Lake City, Utah 84116

RE: Sundry Notices
Aurora Deep Unit
Aurora Federal 3-20D-7-20
NENW Section 20, T7S-R20E
Uintah County, UT

Dear Mr. Doucet,

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well located in the Aurora Deep Unit. In complicance with Utah OGM regulation R649-3-22, Elk has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Vanessa Langmacher
for

Thomas J. Abell
Landman

Enclosures

1099 18TH STREET SUITE 2300 DENVER, CO 80202 USA
T 303.293.9100 F 303.291.0420 www.BILLBARRETTCORP.com

RECEIVED Nov. 01, 2011

Bill Barrett Corporation

AFFIDAVIT OF NOTICE

My name is Thomas J. Abell. I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the following well within the Aurora Deep Unit:

Aurora Federal 3-20D-7-20 Well NENW 20 T7S-R20E

In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

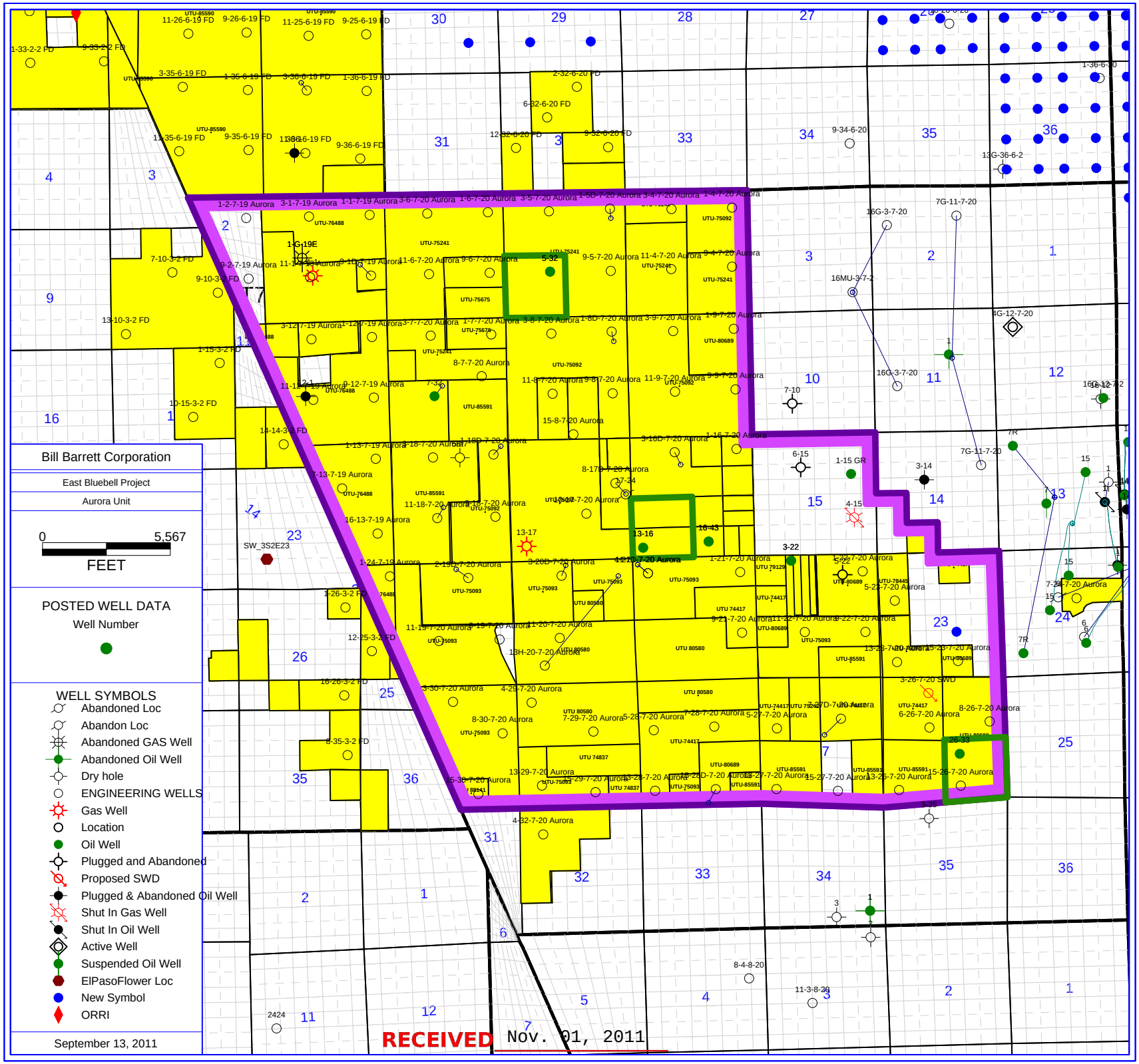
Lessors
BLM State Office

Date: November 1, 2011 Affiant

Venessa Langmacker for
Thomas J. Abell
Landman

1099 18TH STREET SUITE 2300 DENVER, CO 80202 USA
T 303.293.9100 F 303.291.0420 www.BILLBARRETTCORP.com

RECEIVED Nov. 01, 2011


Bill Barrett Corporation
East Bluebell Project
Aurora Unit
0
5,567
FEET
POSTED WELL DATA
Well Number
WELL SYMBOLS
Abandoned Loc
Abandon Loc
Abandoned GAS Well
Abandoned Oil Well
Dry hole
ENGINEERING WELLS
Gas Well
Location
Oil Well
Plugged and Abandoned
Proposed SWD
Plugged & Abandoned Oil Well
Shut In Gas Well
Shut In Oil Well
Active Well
Suspended Oil Well
ElPasoFlower Loc
New Symbol
ORRI
September 13, 2011
RECEIVED Nov. 01, 2011

Bill Barrett Corporation

November 1, 2011

BLM State Office
P.O Box 45155
Salt Lake City, Utah 84145

RE: Sundry Notices
Aurora Federal 3-20D-7-20
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the Sundry Notice together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Venessa Langmacher
for

Thomas J. Abell
Landman

Enclosures

1099 18TH STREET SUITE 2300 DENVER, CO 80202 USA
T 303.293.9100 F 303.291.0420 www.BILLBARRETTCORP.com

RECEIVED Nov. 01, 2011

Form 3160-3
(August 2007)

RECEIVED
APR 04 2011
BLM, Vernal Utah

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-75093

6. If Indian, Allotee or Tribe Name
N/A

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
Aurora (Deep) UTU-82456X

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Aurora Federal 3-20D-7-20

2. Name of Operator Bill Barrett Corporation

9. API Well No.
43-047-52005

3a. Address 1099 18th Street, Suite 2300
Denver, CO 80202

3b. Phone No. *(include area code)*
303-312-8172

10. Field and Pool, or Exploratory
Wildcat

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface NE NW, 213' FNL and 2370' FWL
At proposed prod. zone NE NW, 660' FNL and 2180' FWL

11. Sec., T. R. M. or Blk. and Survey or Area
Section 20, T7S - R20E, S.L.B.&M.

14. Distance in miles and direction from nearest town or post office*
22.7 miles southwest of Vernal, UT

12. County or Parish
Uintah

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
660' (Bottom Hole)	2032 Acres	160 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	**19. Proposed Depth**	**20. BLM/BIA Bond No. on file**
6572'	10552' MD 10503' TVD	WYB-000040
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	**22. Approximate date work will start***	**23. Estimated duration**
4818' GL	01/01/2012	60 Days (Drilling & Completion)

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
Venessa Langmacher	Venessa Langmacher	09/14/2011

Title
Senior Permit Analyst

CONDITIONS OF APPROVAL ATTACHED

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
	Jerry Kenczka	DEC 14 2011

Title
Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

RECEIVED
DEC 19 2011
DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

UDOGM

NOS 1-7-2011

11SVSM291A

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Bill Barrett Corporation**	**Location:**	**NENW, Sec. 20, T7S, R20E**
Well No:	**Aurora Federal 3-20D-7-20**	**Lease No:**	**UTU-75093**
API No:	**43-047-52005**	**Agreement:**	**Aurora (Deep)**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Any deviation of submitted APD's, which includes BBCs surface use plan, and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- Production facilities will be painted Covert Green to blend in with the surrounding habitat.
- The location will utilize a closed system drilling system to minimize the potential for contamination off the site, since it is in close proximity to Pelican Lake.
- The entire well pad will be fenced and maintained by BBC as discussed on the onsite investigation.
- Sportsman access will remain open during drilling operations.
- Cattleguard to be relocated from the new access segment to the sportsman's access just below the well approach to minimize maintenance and reduce the number of cattleguards.
- A security gate to limit public access to the well.
- Wellsite will be bermed on the lake side to minimize the possibility of a spill reaching the lake itself.
- Production equipment will be placed towards the front of the pad to maximize interim reclamation efforts.

- Site reclamation will be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owner or the BLM for possible seed mixes to use in the project area. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 400 ft. above the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Carol Daniels - Spud Notice: Aurora Federal 3-20D-7-20 T07S R20E S-20 43-047-52005

From: Venessa Langmacher <vlangmacher@billbarrettcorp.com>
To: "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov"...
Date: 3/2/2012 4:16 AM
Subject: Spud Notice: Aurora Federal 3-20D-7-20
CC: Tracey Fallang <tfallang@billbarrettcorp.com>, Venessa Langmacher <vlang...

Please take this as notice that Triple A Drilling will spud the Aurora Federal 3-20D-7-20 on Saturday, March 3rd at 8:00 am.

Thanks,

Venessa Langmacher
Senior Permit Analyst

BILL BARRETT CORPORATION
1099 18th Street | Suite 2300
Denver, CO 80202
D 303.312.8172 | F 303.291.0420
vlangmacher@billbarrettcorp.com
www.billbarrettcorp.com
Bill Barrett Corporation

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU75093

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: AURORA (DEEP)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: AURORA FEDERAL 3-20D-7-20

2. NAME OF OPERATOR: BILL BARRETT CORP

9. API NUMBER: 43047520050000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0213 FNL 2370 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 20 Township: 07.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 3/3/2012	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well was spud on 03/03/2012 at 4:30 pm by Triple A Drilling.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 14, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Venessa Langmacher	303 312-8172	Senior Permit Analyst
SIGNATURE N/A		**DATE** 3/8/2012

RECEIVED: Mar. 08, 2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Bill Barrett Corporation
Operator Account Number: N 2165
Address: 1099 18th Street, Suite 2300
city Denver
state CO zip 80202
Phone Number: (303) 312-8172

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304752005	Aurora Federal 3-20D-7-20		NENW	20	7S	20E	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18444	3/3/2012			3/20/2012	

Comments: Spudding Operation was conducted by Triple A Drilling @ 4:30 pm.
GRRV BHL: NENW

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350918	16-27D-36 BTR		SESE	27	3S	6W	Duchesne
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18445	3/1/2012			3/20/2012	

Comments: Spudding Operating was conducted by Triple A Drilling @ 11:00 am.
GR-WS BHL: SESE

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

ACTION CODES:
- **A** - Establish new entity for new well (single well only)
- **B** - Add new well to existing entity (group or unit well)
- **C** - Re-assign well from one existing entity to another existing entity
- **D** - Re-assign well from one existing entity to a new entity
- **E** - Other (Explain in 'comments' section)

RECEIVED
MAR 08 2012
Div. of Oil, Gas & Mining

Venessa Langmacher
Name (Please Print)
Venessa Langmacher
Signature
Sr Permit Analyst
Title
3/8/2012
Date

(5/2000)

Print Form

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# HP 319
Submitted By JET LORENZEN Phone Number 970-623-7078
Well Name/Number AURORA 3-20D-7-20
Qtr/Qtr NE/NW Section 20 Township 7S Range 20W
Lease Serial Number UTU-75093
API Number 43-047-52005

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☑ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

RECEIVED
MAR 2 8 2012
DIV. OF OIL, GAS & MINING

Date/Time 03/28/2012 17:00 AM ☐ PM ☑

BOPE

- ☑ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time 03/29/2012 12:00 AM ☑ PM ☐

Remarks _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU75093

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: AURORA (DEEP)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: AURORA FEDERAL 3-20D-7-20

2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC

9. API NUMBER: 43047520050000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8128 Ext

9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0213 FNL 2370 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 20 Township: 07.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 3/31/2012	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

March 2012 monthly drilling activity report is attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
April 13, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 4/5/2012

RECEIVED: Apr. 05, 2012

Bill Barrett Corporation

Aurora Federal 3-20D-7-20 3/24/2012 06:00 - 3/25/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	DRILLING	7,870.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RIG DN, MOVE, STACK SUB.
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WO DAY LIGHT

Aurora Federal 3-20D-7-20 3/25/2012 06:00 - 3/26/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	DRILLING	7,870.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	19.00	01:00	1	RIGUP & TEARDOWN	RIG UP, RAISE DERRICK @ 11:00 AM
01:00	5.00	06:00	14	NIPPLE UP B.O.P	CUT ROTATING HEAD OFF AND TURN 180 DEGREES WELD BACK ON. SO IT WOULD FIT THOUGH TABLE. NIPPLE UP CONDUCTOR. STRAP BHA AND MIX MUD.

Aurora Federal 3-20D-7-20 3/26/2012 06:00 - 3/27/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	DRILLING	7,870.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	14	NIPPLE UP B.O.P	NIPPLE UP CONDUCTOR
07:00	1.00	08:00	20	DIRECTIONAL WORK	PU/ BIT, MMAND 1 MONEL TAG CEMENT 87'
08:00	9.00	17:00	2	DRILL ACTUAL	SPUD, DRLG 14 3/4" SURFACE HOLE F/ 87' TO 791' (704' IN 9 HR = 78.2 FPH) SLIDE: 12' I N .25 HR = 48 FPH, ROTATE: 692' IN 8.75 HR = 81.4 FPH. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR 1.5 DEGRE FIXED BEND. 8.22' BTB.
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30	10.00	03:30	2	DRILL ACTUAL	DRLG F/ 791' TO 1796' (1005' IN 10 HR = 100.5 FPH) SLIDE: 10' IN.25 HR = 40 FPH, ROTATE 995' IN 9.75 HR = 102 FPH).
03:30	2.25	05:45	21		X/O SWAB & LINER IN #1 PUMP.
05:45	0.25	06:00	2	DRILL ACTUAL	DRLG F/ 1796 TO 1827 @ 124' FPH ROTATING

Aurora Federal 3-20D-7-20 3/27/2012 06:00 - 3/28/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	DRILLING	7,870.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	DRLG F/ 1827 TO 2370' (543' IN 7.5 HR = 72.4 FPH) SLIDE: 48' IN 1 HR = 48 FPH, ROTATE: 495' IN 6.5 HR = 76.2 FPH. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR 1.5 DEGRE FIXED BEND. 8.22' BTB.
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE
14:00	0.25	14:15	21	OPEN	X/O VALVE AND SEAT ON #2 PUMP
14:15	15.75	06:00	2	DRILL ACTUAL	DRLG F/ 2370' TO 3208 (834' IN 15.75 HR = 53.2 FPH) SLIDE: 39' IN 1.5 HR 26 FPH, ROTATE:795' IN 14.25 HR = 53.9 FPH.

Aurora Federal 3-20D-7-20 3/28/2012 06:00 - 3/29/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	DRILLING	7,870.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.75	12:45	2	DRILL ACTUAL	DRLG F/ 3208 TO 3510' (302' IN 6.75 HR = 44.8 FPH) SLIDE:30' IN 1.25 HR = 24 FPH, ROTATE: 272' IN 5.5 HR = 49.5 FPH. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR 1.5 DEGRE FIXED BEND. 8.22' BTB.
12:45	1.00	13:45	5	COND MUD & CIRC	PUMP LCM SWEEP CIRC BOTTOMS UP
13:45	2.00	15:45	6	TRIPS	SHORT TRIP TO HWDP
15:45	1.25	17:00	3	REAMING	WASH TO 360' TO BOTTOM
17:00	0.50	17:30	5	COND MUD & CIRC	CIRC LARGE AMOUNTS OF BIG SHALE
17:30	3.00	20:30	6	TRIPS	TOOH, L/D 8" TOOLS
20:30	0.50	21:00	7	LUBRICATE RIG	RIG SERVICE
21:00	5.00	02:00	12	RUN CASING & CEMENT	HSM RIG UP WEATHERFORD AND RUN CASING. FC (1.00"), SHOE JT (45.60'), FC (1.00'), 80 JTS (3460.46). LANDED @ 3504' MADE UP W/ BESTOLIFE DOPE.
02:00	1.00	03:00	5	COND MUD & CIRC	CIRC. WASH DN 15' TO BOTTOM. CIRC @ 11 BL/MIN.

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
03:00	3.00	06:00	12	RUN CASING & CEMENT	HSM, SWAP TO HES AND CEMENT. 20 BLS H2O, 40 BLS SUPER FLUSH, 20 BLS H2O, 940 SKS HLC PREIMIUM CEMENT 11# 3.16 YEILD W/.125 LB POLY-E-FLAKE, .25 LB KWIK SEAL, 5LB SILCALITE. TAILED W/ 360 SKS PREMIUM PLUS 14.8# 1.33 YEILD W/ .125 LB POLY-E-FLAKE. DISPLOACED W/ 20 BLS H20. 290 BLS DRILLING MUD, 22 BLS H2O. BUMP PLUG. FLOATS HELD. GOOD RETURNS UNTIL DROPED PLUG. PATIAL REURNS UNTIL 130 LEFT OF DISPLACEMENT. THEN NO RETURNS. SLOW TO 6 BL/MIN W/ 150 LEFT. SLOW TO 3 BL/MIN W/ 30 BLS LEFT.

Aurora Federal 3-20D-7-20 3/29/2012 06:00 - 3/30/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	DRILLING	7,870.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	12	RUN CASING & CEMENT	FINISH CEMENT JOB
06:30	0.50	07:00	15	TEST B.O.P	TEST CASING TO 1500# F/ 30 MINS
07:00	3.75	10:45	13	WAIT ON CEMENT	WO CEMENT
10:45	0.50	11:15	12	RUN CASING & CEMENT	TOP OFF W/ 140' OF 1" PIPE 15 BL NEET 15.8 W/ 2% CACL
11:15	1.50	12:45	13	WAIT ON CEMENT	WO CEMENT
12:45	4.25	17:00	14	NIPPLE UP B.O.P	CUT OFF AND WELD ON WELL HEAD TEST TO 100# F/ 10 MINS
17:00	2.25	19:15	14	NIPPLE UP B.O.P	NIPPLE UP BOP
19:15	4.00	23:15	15	TEST B.O.P	HSM, TEST BOPS. TEST ALL RAMS AND VALVES 5000# F/ 10 MINS, TEST ANNULAR 2500# F/ 10 MINS
23:15	1.75	01:00	21	OPEN	X/O IBOP ON TOP DRIVE
01:00	0.50	01:30	7	LUBRICATE RIG	RIG SERVICE
01:30	0.50	02:00	21	OPEN	CHANGE OUT SWVEL PACKING
02:00	0.50	02:30	14	NIPPLE UP B.O.P	INSTALL WEAR BUSHING
02:30	1.50	04:00	20	DIRECTIONAL WORK	P/U BHA, OREINTATE MWD
04:00	2.00	06:00	6	TRIPS	TIH

Print Form

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P 319
Submitted By Glenn Randel Phone Number 970-623-7078
Well Name/Number Aurora Federal 3-20D-7-20
Qtr/Qtr NE/NW Section 20 Township 7S Range 20 E
Lease Serial Number UTU-75093
API Number 43-047-52005

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☑ Production Casing
- ☐ Liner
- ☐ Other

RECEIVED
APR 10 2012
DIV. OF OIL, GAS & MINING

Date/Time 4/9/12 22:30 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU75093

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: AURORA (DEEP)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: AURORA FEDERAL 3-20D-7-20

2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC

9. API NUMBER: 43047520050000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8128 Ext

9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0213 FNL 2370 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 20 Township: 07.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 4/30/2012	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

April 2012 monthly drilling activity report is attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 09, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brady Riley	303 312-8115	Permit Analyst
SIGNATURE N/A		**DATE** 5/3/2012

RECEIVED: May. 03, 2012

Bill Barrett Corporation

Aurora Federal 3-20D-7-20 4/1/2012 06:00 - 4/2/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.25	17:15	2	DRILL ACTUAL	DRLG F/ 6157' TO 6895' (738' IN 11.25 HR = 65.6 FPH), SLIDE: 82' IN 3.25 HR = 25 FPH, ROTATE: 656' IN 8 HR = 82 FPH. MM 6 3/4" HUNTING 7/8 LOBE 3.4 STAGE .15 GPR 1.5 FIXED BEND 6.25 BTB.
17:15	0.50	17:45	7	LUBRICATE RIG	RIG SERVICE
17:45	12.25	06:00	2	DRILL ACTUAL	DRLG F/ 6895' TO 7398' (503' IN 12.25 HR = 41.1 FPH) SLIDE:80' 5.25 HR = 15.2 FPH, ROTATE: 423' IN 7 HR = 60.4 FPH.

Aurora Federal 3-20D-7-20 4/2/2012 06:00 - 4/3/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	DRLG F/ 7398' TO 7422' @ 48 FPH ROTATING.
06:30	8.25	14:45	6	TRIPS	PUMP DRY SLUG TOOH F/ BIT AND MM. TIGHT HOLE F/ 7938' TO 7083' BACK REAM. TIH
14:45	15.25	06:00	2	DRILL ACTUAL	DRLG F/ 7422' TO 7870' (448' IN 15.25 HR = 29.4 FPH) SLIDE: 62' IN 4 HR = 15.5 FPH, ROTATE: 386' IN 11.25 HR = 34.3 FPH. MM HUNTING 7/8 LOBE 3.4 STAGE .15 GPR 1.46 DEGREE FIXED 6.25' BTB.

Aurora Federal 3-20D-7-20 4/3/2012 06:00 - 4/4/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	DRLG F/ 7870' TO 8215' (345' IN 11 HR = 31.4 FPH) SLIDE: 30' IN 1.75 HR = 17.1 FPH, ROTATE: 315' IN 9.25 HR = 34.1 FPH. MM HUNTING 7/8 LOBE 3.4 STAGE .15 GPR 1.46 DEGREE FIXED 6.25' BTB.
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30	4.25	21:45	2	DRILL ACTUAL	DRLG F/ 8215' TO 8329' (114' IN 4.25 HR = 26.8 FPH) SLIDE: 15' IN .75 HR = 20 FPH, ROTATE: 99' IN 3.5 HR = 28.3 FPH
21:45	0.50	22:15	5	COND MUD & CIRC	CIRC.
22:15	2.75	01:00	6	TRIPS	TOOH
01:00	1.25	02:15	20	DIRECTIONAL WORK	X/O MWD, ANTENA SUB WASHED OUT, ORENTATE
02:15	3.75	06:00	6	TRIPS	TIH, REAM BRIDGES FROM 7300' ON.

Aurora Federal 3-20D-7-20 4/4/2012 06:00 - 4/5/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	3	REAMING	WASH AND REAM 7400' TO 8330'
08:00	2.00	10:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8330-8405'. ROP 37.5 FPH.
10:00	1.00	11:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8405-8418'. ROP 13 FPH.
11:00	4.50	15:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8418-8594'. ROP 39.1 FPH.
15:30	1.25	16:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8594-8608'. ROP 11.2 FPH.
16:45	2.50	19:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8608-8690'. ROP 32.8 FPH.
19:15	1.25	20:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8690-8702'. ROP 9.6 FPH.
20:30	9.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8702-9115'. ROP 43.5 FPH.

Aurora Federal 3-20D-7-20 4/5/2012 06:00 - 4/6/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.25	09:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9115-9253'. ROP 42.5 FPH.
09:15	1.75	11:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 9253-9273'. ROP 11.4 FPH.
11:00	2.75	13:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9273-9348'. ROP 27.3 FPH.
13:45	1.00	14:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 9348-9358'. ROP 10 FPH.
14:45	12.00	02:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9358-9725'. ROP 30.6 FPH.
02:45	0.50	03:15	7	LUBRICATE RIG	ROUTINE RIG SERVICE.

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
03:15	2.75	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9725-9840'. ROP 41.8 FPH.

Aurora Federal 3-20D-7-20 4/6/2012 06:00 - 4/7/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.75	11:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9840-10015' (TD). ROP 30.4 FPH. INCREASED VISCOSITY TO 90+ SEC.
11:45	1.25	13:00	5	COND MUD & CIRC	PUMP 50 BBL SUPER SWEEP PILL & CIRCULATE BOTTOMS UP.
13:00	1.00	14:00	6	TRIPS	POH WET TO 8517'. PULLED TIGHT & STUCK. 25-80K OVERPULL @ 9160 & 9060'. NO EXCESS DRAG BELOW 9160'.
14:00	1.00	15:00	5	COND MUD & CIRC	MAKE UP TOP DRIVE & WORK/PUMP STRING FREE. BACKREAM/REAM 8499-8594' & CIRCULATE BOTTOMS UP. OBSERVED A LOT OF CAVINGS OVER SHAKERS, APPROX DIME SIZE.
15:00	6.75	21:45	6	TRIPS	PULL & BACKREAM OUT OF HOLE TO 6833'. PUMP SLUG & POH. LAY DOWN SPERRY TOOLS. TIGHTEST PLACES @ 7870, 7842, 7790 & 7624'.
21:45	0.50	22:15	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
22:15	1.00	23:15	9	CUT OFF DRILL LINE	SLIP/CUT DRILLING LINE. CHANGE GRABBER DIES.
23:15	3.75	03:00	6	TRIPS	MAKE UP BIT #5 & BIT SUB W/FLOAT ON 6 X 6 1/2 SLICK DC's & RIH TO 6690' & TAGGED UP.
03:00	3.00	06:00	3	REAMING	REAM IN 6690-7600'. RE-REAM SOME SPOTS. SHAKERS LOADED ON BOTTOMS UP W/SPLINTERS & PING PONG BALL SIZE CAVINGS. SWEEPING HOLE REGULARLY W/HIVIS & LOVIS SWEEPS. MAINTAINING 80-90 SEC VISCOSITY. MW 9.5 PPG. 800 GPM @ 3050 PSI, 100 RPM.

Aurora Federal 3-20D-7-20 4/7/2012 06:00 - 4/8/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.75	13:45	3	REAMING	REAM 8 3/4 HOLE 6700-TD'. PUMP LOVIS SWEEPS REGULARLY. CIRC 800 GPM, 100 RPM. AT 8000' BEGAN INCREASING MW TO 9.7 PPG.
13:45	1.75	15:30	5	COND MUD & CIRC	PUMP LOVIS SWEEP AROUND. OBSERVED A LOT OF GOLF BALL SIZE & FINE CAVINGS AT SHAKERS.
15:30	1.25	16:45	6	TRIPS	POH WET TO 6868'. PULLED VERY RATTY (UP TO 110K OVERPULL IN PLACES) UP TO 7500'. PULLED GOOD FROM 7500 TO 6868'.
16:45	0.50	17:15	6	TRIPS	RIH TO 7900' & TAGGED UP.
17:15	9.75	03:00	3	REAMING	WASH/REAM 7900-TD. PUMP LOVIS SWEEPS REGULARLY. MAINTAIN 80-90 VISCOSITY. 800 GPM @ 3100 PSI, 130 RPM. ATTEMPT TO INCREASE MW TO 9.9 PPG, BUT LOSING MUD AT MW OVER 9.7 PPG..
03:00	1.50	04:30	5	COND MUD & CIRC	PUMP 50 BBL LOVIS & 50 BBL SUPER SWEEP & CIRCULATE 1.5 BOTTOMS UP. SHAKERS CLEAN.
04:30	1.50	06:00	6	TRIPS	POH WET TO 8100'. HOLE GOOD.

Aurora Federal 3-20D-7-20 4/8/2012 06:00 - 4/9/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	6	TRIPS	POH TO LOG. PULLED WET TO 7632' & PUMPED SLUG.
10:00	11.00	21:00	11	WIRELINE LOGS	RIG UP HALLIBURTON LOGGERS & RIH TO 10015' (LOGGER'S TD). LOG OUT TO SHOE & LOG GR TO SURFACE. WHILE RIH, LOG STOOD UP @ 8619', BUT WORKED THRU. RIG DOWN LOGGERS.
21:00	4.50	01:30	6	TRIPS	MAKE UP BHA & RIH TO 7780'. STRING STOOD UP.
01:30	1.00	02:30	5	COND MUD & CIRC	WASH/REAM THRU TIGHT PLACE TO 7875' & CIRCULATE BOTTOMS UP.
02:30	1.00	03:30	6	TRIPS	RIH TO 9224'. STRING STOOD UP.
03:30	0.50	04:00	5	COND MUD & CIRC	WASH/REAM THRU TIGHT SPOT TO 9319' & CIRCULATE BOTTOMS UP.
04:00	0.75	04:45	6	TRIPS	RIH TO TD.
04:45	1.25	06:00	5	COND MUD & CIRC	PUMP 50 BBL LOVIS SWEEP & 50 BBL SUPER SWEEP & CIRCULATE 1.5 BOTTOMS UP.

Aurora Federal 3-20D-7-20 4/9/2012 06:00 - 4/10/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	6	TRIPS	POH WET 11 STANDS.TO 8936'.
07:00	0.50	07:30	5	COND MUD & CIRC	PUMP SLUG.
07:30	7.75	15:15	6	TRIPS	POH LAYING DOWN STRING. RUN BACK 11 STANDS & CONTINUE LAYING DOWN STRING. PULL ROTATING HEAD. LAY DOWN BHA.
15:15	0.50	15:45	14	NIPPLE UP B.O.P	PULL WEAR BUSHING.
15:45	13.25	05:00	12	RUN CASING & CEMENT	HELD PJSM'S W/RIG & CASING CREWS. RIG UP CRT, HYDRAULIC SLIPS & KIMZEY POWER TONGS. MADE UP, THREADLOCKED & CIRCULATED THRU SHOE TRACK. RUN 226 JTS 5 1/2 CASING @ 65 FT/MIN, ESTIMATE 50% RETURNS WHILE RUNNING CASING. APPROXIMATELY 9 CENTRALIZERS BROKE WHEN GOING THRU SLIPS.
05:00	1.00	06:00	12	RUN CASING & CEMENT	TAGGED UP @ 9760' ON JT #226. WASH/WORK CASING 9760-9800'. PICK UP WT ~200K, SLACK OFF ~130K. COMMENCE THINNING/CONDITIONING MUD FOR CEMENTING. RETURNS WHILE CIRCULATING ~90%. RECIPROCATING CASING ~15' WHILE CIRCULATING. RAN TOTAL OF 231 JTS 17#, HCP-110, LTC, R3 INCLUDING 3 MARKER JTS @ 7966', 6984' & 5958'. FLOAT SHOE @ 9998' & FLOAT COLLAR @ 9909'.

Aurora Federal 3-20D-7-20 4/10/2012 06:00 - 4/10/2012 22:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.25	09:15	12	RUN CASING & CEMENT	CIRCULATE CASING, THIN & WATER BACK MUD FOR CEMENT JOB. COMMENCE DEWATERING MUD. HALLIBURTON WAS TO ARRIVE 07:00 HRS & ARRIVED @ 09:20 HRS. COMMENCE RIG UP CEMENTERS 09:30 HRS.
09:15	2.75	12:00	12	RUN CASING & CEMENT	CONTINUE TO CIRCULATE CASING & DEWATER MUD WHILE SPOTTING HOWCO TRUCKS, RIG UP LINES & INSTALL CEMENT HEAD.
12:00	3.50	15:30	12	RUN CASING & CEMENT	CEMENT 5 1/2 PRODUCTION CASING W/8 BBL WATER, 40 BBL SUPER FLUSH 101 @10 PPG, 5 BBL WATER, 855 SX (355 BBL) TUNED LIGHT @ 11 PPG, 900 SX (228 BBL) ECONOCEM TAIL @ 13.5 PPG. DROPPED PLUG & DISPLACED W/227 BBL WATER W/CLA-WEB & ALDICIDE. BUMPED PLUG W/1500 PSI OVER FDP, TOTAL PRESSURE 3200 PSI. HELD 10 MIN, BLED OFF 3 BBL & FLOATS HELD. CIP @ 15:20 HRS. RETURNS SLOWED & STOPPED AT 220 BBL DISPLACEMENT. NO WATER OR SUPER FLUSH BACK TO SURFACE. CONTINUE TO DEWATER MUD & HAUL OFF 8.6 PPG LIQUID.
15:30	6.50	22:00	14	NIPPLE UP B.O.P	RIG DOWN HOWCO. NIPPLE DOWN & LIFT BOP. ROUGH CUT CASING & LAY DOWN CUT-OFF. SET CASING SLIPS W/200K (30K OVER CASING WT). FINAL CUT CASING & INSTALL NIGHT CAP. NIPPLE DOWN HP RISER & STOW BOP. CONTINUE TO DEWATER MUD. RELEASE RIG AT 22:00 HRS, 4/10/12.

Aurora Federal 3-20D-7-20 4/13/2012 06:00 - 4/14/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Blade and leveled location, Clean out Cellar rings and mouse holes

Aurora Federal 3-20D-7-20 4/14/2012 06:00 - 4/15/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well head shut in and secured. Start hauling in production equipment material.

Aurora Federal 3-20D-7-20 4/15/2012 06:00 - 4/16/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	LOCL	Lock Wellhead & Secure	Well Head shut in and secured.
09:00	0.50	09:30	CTRL	Crew Travel	Cameron and A & M traveled to location.
09:30	0.50	10:00	GOP	General Operations	Crews Arrived on location, checked well head pressure. Surface csg on a vacuum, 5.5" production csg 0 psi. Safety meeting, reviewed JSA.
10:00	1.50	11:30	IWHD	Install Wellhead	Removed 11" x 5k night cap, Clean and dressed 5.5" csg top. Installed 11" x 5k x 7 x 1/16" B-Section with 2- 2 1/16" x 5 gate valves. Pressure tested hanger seals & void section. test held good. Installed 7 1/16" night cap.
11:30	18.50	06:00	LOCL	Lock Wellhead & Secure	Secured well head for the night.

Aurora Federal 3-20D-7-20 4/16/2012 06:00 - 4/17/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well head shut in and secured. Construction Crews Set tanks battery and production equipment.

Aurora Federal 3-20D-7-20 4/17/2012 06:00 - 4/18/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	LOCL	Lock Wellhead & Secure	Crews travel to location.
07:30	1.50	09:00	GOP	General Operations	MIRU SLB Wireline Equipment, Check pressure at the well head. Removed Night cap N/U Wireline adapter..
09:00	1.00	10:00	WLWK	Wireline	P/up & RIH with CCL/ Junk Basket & 4.65" Gauge ring. Tagged PBTD @ 9834', Pooh with Gauge ring, Junk Basket/CCL.
10:00	4.75	14:45	LOGG	Logging	P/up & RIH with GR/PBMS/CCL/CBL logging tools. Tagged @ 9834' Completed Tie in using HES's Dual Spaced Neutron Spectral Density Ran on 4/8/12, Completed 250' repeat pass, Drop back down and applied 1000 psi to 5.5" csg. Started logging main pass from 9834' and logged to100', @ 60" fpm, fair quality cement throughout the whole job. Called top of cement @ 3500'. Seen free pipe from 3400 to Surface, bled off casing pressure when logging tools reached 1800'. L/D logging tools. NOTE: Marker Jts @, 5942' to 5964', 6970' to 6992', 7952' to 7974'
14:45	1.75	16:30	GOP	General Operations	RDMO SLB wireline, Construction crews continued to work on production facility
16:30	13.50	06:00	LOCL	Lock Wellhead & Secure	Location policed and secured for the night.

Aurora Federal 3-20D-7-20 4/18/2012 06:00 - 4/19/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Construction Crew Working On Facilities.

Aurora Federal 3-20D-7-20 4/19/2012 06:00 - 4/20/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Construction Crew Working On Facilities.

Aurora Federal 3-20D-7-20 4/20/2012 06:00 - 4/21/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Construction Crew Working On Facilities.

Aurora Federal 3-20D-7-20 4/21/2012 06:00 - 4/22/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00		06:00	GOP	General Operations	Construction Crew Working On Facilities.

Bill Barrett Corporation

Aurora Federal 3-20D-7-20 4/23/2012 06:00 - 4/24/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Construction Crew Working On Facilities. Setting Frac Line. Reclaiming Pits.

Aurora Federal 3-20D-7-20 4/24/2012 06:00 - 4/25/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Construction Crew Working On Facilities. Finish Reclaim Of Pits. Finish Spotting Frac Line. Rig-Up Fill Manifold And Fall Protection. Spot 6 Tanks On Rogers 13-16

Aurora Federal 3-20D-7-20 4/25/2012 06:00 - 4/26/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Construction Crews Working On Facilities. Electrical Spotted In Open Tops And Storage Tanks. Finish Filling Frac Line With 3% KCL.

Aurora Federal 3-20D-7-20 4/26/2012 06:00 - 4/27/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	COMPLETION	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Set Frac Mandrel. Test. Set Frac Tree And GoatHead. Test With Casing. Rig-Up FlowBack And SandTrap. Test. Build Berms Around FlowBack And Storage Tanks.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU75093

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: AURORA (DEEP)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: AURORA FEDERAL 3-20D-7-20

2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC

9. API NUMBER: 43047520050000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8128 Ext

9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0213 FNL 2370 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 20 Township: 07.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 5/31/2012	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

May 2012 monthly drilling activity report is attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 08, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tracey Fallang	303 312-8134	Regulatory Manager
SIGNATURE N/A		**DATE** 6/5/2012

RECEIVED: Jun. 05, 2012

Bill Barrett Corporation

Aurora Federal 3-20D-7-20 5/1/2012 06:00 - 5/2/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	PRODUCING	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	Wireline crew travel to location.
07:00	1.25	08:15	SRIG	Rig Up/Down	E-line crew arrived on location, Safety meeting with wireline crew. MIRU SLB Wireline eq, Pressure tested E-line equipment to 4000 psi. Good pressure test on lub grease head & E-line bop's.
08:15	0.50	08:45	GOP	General Operations	Armed & P/up stg #1 3104 PJO perf guns. Equalized Lub, Open well with 0 psi.
08:45	1.25	10:00	WLWK	Wireline	RIH with stg #1 perf guns, Completed tie in (Using HES log Reference Dual Spaced Neutron Spectral Density Ran on 4/8/12 & SLB CBL/CCL/GR log reference ran on 4-17 -12.) Used Marker Jt reference @ 7952' to 7974'. Dropped down to target depth, Completed collar check and Perf'd North Horn, EB-9, EB-8, intervals from 9792' to 9495'. Seen a 300 psi increase when perforating EB-9, placing a total of 42 holes. All shots fired as designed. Pooh with spent guns.
10:00	3.00	13:00	SRIG	Rig Up/Down	L/D Spent guns, secured frac tree for the night. MIRU HES frac eq. HES Performed frac equipment inspection and safety audit.
13:00	17.00	06:00	LOCL	Lock Wellhead & Secure	Heating frac water on 13-16 Rogers staging area. Secured location for the night.

Aurora Federal 3-20D-7-20 5/2/2012 06:00 - 5/3/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	PRODUCING	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	GOP	General Operations	HES Crew arrived @ 04:30, Primed Pumps, Ran QA/QC fluid checks, Completed pressure test on treating iron. Safety Meeting w/ all contractors on location. Started pumping Stg #1 @ 06:00 hrs.
06:30	1.75	08:15	FRAC	Frac. Job	Pressure tested treating iron @ 8800 psi. Frac'd Stg # 1 of 7, Zone Stg North Horn, EB-9 & 8. Open Well @ 05:57 Hrs, W/ Csg psi,388 Surface & Frac Mandrel, 0 psi. Achieved Formation Break Down @ 9.9 bpm, 2400 psi. Total Bbls of 15% HCL Pump 92.1 bbls & Bio-Balls pumped 84. Started on 3% KCL / Slick Water pad @ 71.0 bpm, 3250 psi Pumped 19000 gal of fluid, had to shut down on due to two truck leaking. Open Perforation = 28 out of 42 shots, ISIP = 1263 psi, .57 Frac Gradient Started on 22 # fluid system / X-link pad @ 70.9 bpm, 3106 psi. Start 2#/ Gal 20/40 CRC, 70.7 bpm, 3106 psi 2# 70.4 bpm, 3103 psi 2# On perfs bpm 70.8 @ 2732 psi 3# 70.4 bpm, 2452 psi 3# On perfs bpm 70.8 @ 2450 psi 3.5# 70.9 bpm, 2419 psi 3.5# On perfs bpm 70.7 @ 2337 psi 4# 70.8 bpm, 2346 psi 4# On perfs bpm 70.6 @ 2295 psi On Flush @ 72.0 bpm, 3278 psi. Open Perforation = 42 out of 42 shots, ISDP, 1395 psi, 0.59 Frac Gradient. Max Rate 71.6 bpm, Max Pressure 3175 psi. Avg Rate 70.7 bpm, Avg Pressure 2726 psi Total X-link fluids pumped:66,412 gals Total 3% Slick water pumped: 65,052 gals Total fluid in bbls pumped: 3222 bbls Total 20/40 CRC Sand pumped, = 160,200#,
08:15	1.50	09:45	PFRT	Perforating	R/U E-line, P/up stg #2, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 4/8/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 9484', w/ 1200 psi, pulled up & perforated stg # 2 intervals from 9201' to 9464'. IP Switch's Failed on two perf shots, Did not shoot Perf's 9241' to 42', 9257' to 58'. Pooh w/ e-line, L/D Spent guns, All the other shots fired as design, two misfired shot on this stg..Turned Well over to HES to Frac stg #2.

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
09:45	1.50	11:15	FRAC	Frac. Job	Pressure tested treating iron @ 9012 psi. Frac'd Stg #2 of 7, Zone Stg EB-7 & 8, Open Well @ 09:45 Hrs, W/ 1200 Csg psi, 0 Surface & Frac Mandrel, 0 psi, Achieved Formation Break Down @ 9.9 bpm, 1502 psi. Total Bbls of 15% HCL Pump 94 bbls & Bio-Balls pumped 78. Started on 3% KCL Slick Water pad @ 71.3 bpm, 3384 psi. Started on 22# Hybor / X-link pad @ 70.6 bpm, 3163 psi. Start 2#/ Gal 20/40 CRC sand, 70.5 bpm, 3375 psi 2# 70.5 bpm, 3375 psi 2# On perfs bpm 70.4 @ 2905 psi 3# 70.3 bpm, 2889 psi 3# On perfs bpm 70.8 @ 2678 psi 3.5# 70.9 bpm, 2674 psi 3.5# On perfs bpm 70.3 @ 2616 psi 4# 70.3 bpm, 2581 psi 4# On perfs bpm 70.3 @ 2521 psi On Flush @ 71.8 bpm, 2667 psi. Open Perforation = 39 out of 39 shots, ISDP, 1265 psi, 0.61 Frac Gradient. Max Rate 71.1 bpm, Max Pressure 3374 psi. Avg Rate 70.5 bpm, Avg Pressure 2946 psi Total X-link fluids pumped: 65,401 gals Total 3% slick water pumped: 56,111 gals Total fluid in bbls pumped: 2988 bbls Total 20/40 CRC Sand = 157,000#.
11:15	1.50	12:45	PFRT	Perforating	R/U E-line, P/up stg #3, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 4/8/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 9198', w/ 1300 psi, pulled up & perforated stg # 3 intervals from 8867' to 9178'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #3.
12:45	1.25	14:00	FRAC	Frac. Job	Pressure tested treating iron @ 9010 psi. Frac'd Stg # 3 of 7, Zone Stg EB-7-6 . Open Well @ 12:45 Hrs, W/ 540 Csg psi, 0 Surface & Frac Mandrel, 0 psi. Achieve Formation Break Down @ 9.2 bpm, 2894 psi. Total Bbls of 15% HCL Pump 94 bbls & Bio-Balls pumped 84. Started on 3% KCL Slick Water pad @ 71.1 bpm, 3702 psi. Open Perforation = 36 out of 42 shots, ISIP = 1692 psi, .63 Frac Gradient. Started on X-link pad @ 70.5 bpm, 3594 psi. Start 2#/ Gal 20/40 CRC sand, 70.0 bpm, 3594 psi 2# 69.9 bpm, 3766 psi 2# On perfs bpm 70.5 @ 3491 psi 3# 70.6 bpm, 3437 psi 3# On perfs bpm 70.6 @ 3253 psi 3.5# 70.5 bpm, 3231 psi 3.5# On perfs bpm 71.6 @ 3467 psi Did no stage into 4# sand and had to cut 3.5# sand early do to increase in net pressure. On Flush @ 71.0 bpm, 3490 psi Open Perforation = 42 out of 42 shots, ISDP 2163, psi, 0. Frac Gradient. Max Rate 71.2 bpm, Max Pressure 3797 psi. Avg Rate 70.1 bpm, Avg Pressure 3465 psi Total 22 # Hybor / X-link fluids pumped: 54,154 gals Total 3% Slick water pumped: 57,063 gals Total fluid in bbls pumped: 2742 bbls Total 20/40 CRC Sand pumped, 20/40 = 112,100#, Placed only 69% of prop in formation.
14:00	1.50	15:30	PFRT	Perforating	R/U E-line, P/up stg #4, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 4/8/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8850', w/ 1800 psi, pulled up & perforated stg #4 intervals from 8583' to 8826'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #4.
15:30	1.25	16:45	FRAC	Frac. Job	Pressure tested treating iron @ 9054 psi. Frac'd Stg # 4 of 7, Zone Stg EB-5 & 4, Open Well @ 15:30 Hrs, W/ 825 Csg psi, 0 Surface & Frac Mandrel, 0 psi, Formation Break Down @ 9.2 bpm, 3496 psi. Total Bbls of 15% HCL Pump 94 bbls & Bio-Balls pumped 72. Started on 3% KCL Slick Water pad @ 70.7 bpm, 5016 psi. Open Perforation = 25 out of 33 shots, ISIP = 1795 psi, .65 Frac Gradient. Started on X-link pad @ 70.5 bpm, 4510 psi. Start 2#/ Gal 20/40 CRC sand, 70.8 bpm, 4154 psi 2# 70.8 bpm, 4154 psi 2# On perfs bpm 70.9 @ 4059 psi 3# 70.8 bpm, 4034 psi 3# On perfs bpm 70.7 @ 3793 psi 3.5# 70.7 bpm, 3791 psi 3.5# On perfs bpm 70.4 @ 4300 psi Did not stg not 4# sand had to cut 3.5# ppg early do to a sharp increase in net pressure. On Flush @ 70.2 bpm, 4288 psi. Open Perforation = 36 out of 36 shots, ISDP, 2136 psi, 0.69 Frac Gradient. Max Rate 75.8 bpm, Max Pressure 4259 psi. Avg Rate 71.8 bpm, Avg Pressure 4200 psi Total 20# Hybor / X-link fluids pumped: 55,517 gals Total 3% Slick water pumped: 54,326, gals Total fluid in bbls pumped: 2701 bbls Total 20/40 CRC Pumped = 121,500#,

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
16:45	1.50	18:15	PFRT	Perforating	R/U E-line, P/up stg #5, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 4/8/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8573', w/ 1500 psi, pulled up & perforated stg # 5 intervals from 8345' to 8555'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #5 Am.
18:15	11.75	06:00	LOCL	Lock Wellhead & Secure	Shut in and Secured frac tree and equipment for the night. Continued to restock frac sand and frac water throughout the night.

Aurora Federal 3-20D-7-20 5/3/2012 06:00 - 5/4/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	PRODUCING	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	GOP	General Operations	Frac crew arrived on location @ 04:30 hrs. Mixing gel, Primed pumps, Ran QA/QC fluid checks, Safety meeting with frac crew. Open Frac tree w/ 1002 psi,
06:45	1.00	07:45	FRAC	Frac. Job	Pressure tested treating iron @ 9024 psi. Frac'd Stg # 5 of 7, Zone Stg EB-4 & 3. Open Well @ 06:28 Hrs, W/ 1034 Csg psi, 0 Surface & Frac Mandrel, 0 psi. Achieved Formation Break Down @ 10.5 bpm, 1699 psi. Total Bbls of 15% HCL Pump 88 bbls & Bio-Balls pumped 78. Shut down due to packing leak on pump truck, made repairs, Re-pressure tested lines, stop valves were leaking, had to replace stop valves & 1 Ground valve. Needed to replace 4" Ground Valve Pre-HES Supervisor.
07:45	2.00	09:45	DTIM	Downtime	Ground valve had to come out of Vernal, waited on 4" Ground valve, Re-pressure tested treating iron to 9100. test Good test.
09:45	1.00	10:45	FRAC	Frac. Job	Started on Stg #5. Open Tree with 1035 psi. Started on 3% KCL Slick Water pad @ 70.1 bpm, 4343 psi. Started on 20# Hybor / X-link pad @ 70.4 bpm, 3292 psi 2# 70.3 bpm, 3302 psi 2# On perfs bpm 70.8 @ 3091 psi 3# 70.7 bpm, 2945 psi 3# On perfs bpm 70.8 @ 2767 psi 3.5# 70.6 bpm, 2795 psi 3.5# On perfs bpm 70.5 @ 2780 psi 4# 70.3 bpm, 2798 psi 4# On perfs bpm 70.8 @ 2863 psi On Flush @ 72.3 bpm, 3042 psi. Open Perforation = 39 out of 39 shots, ISDP, 1308 psi, 0.60 Frac Gradient. Max Rate 71.3 bpm, Max Pressure 3303 psi. Avg Rate 70.6 bpm, Avg Pressure 2978 psi Total X-link fluids pumped:67,720 gals Total 3% Slick water pumped: 55,860 gals Total fluid in bbls pumped: 3025 bbls Total, 20/40 CRC Pumped = 1644,000# ,
10:45	1.50	12:15	PFRT	Perforating	R/U E-line, P/up stg #6, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 4/8/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8328', w/ 1200 psi, pulled up & perforated stg #6 intervals from 8123' to 8308'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #6.
12:15	1.50	13:45	FRAC	Frac. Job	Pressure tested treating iron @ 8901 psi. Frac'd Stg # 6 of 7, Zone Stg EB-2 & 1. Open Well @ 12:17 Hrs, W/ 1200 Csg psi, 0 Surface & Frac Mandrel, 0 psi, Achieved Formation Break Down @ 9.1 bpm, 1606 psi.Total Bbls of 15% HCL Pump 77 bbls & Bio-Balls pumped 66. Started on 3% KCL Slick Water pad @ 70.9 bpm, 3262 psi. Open Perforation = 29 out of 33 shots, ISIP = 1201 psi, 0.59 Frac Gradient. Started on 20# Hybor / X-link pad @ 70.6 bpm, 3262 psi. Start 2#/ Gal 20/40 CRC sand, 70.1 bpm, 3409 psi 2# 70.1 bpm, 3399 psi 2# On perfs bpm 70.8 @ 3114 psi 3# 70.1 bpm, 3107 psi 3# On perfs bpm 70.8 @ 2736 psi Did not Stg into 3.5 # or 4# sand due to net pressure increase. On Flush @ 72.4 bpm, 3499 psi Open Perforation = 33 out of 33 shots, ISDP, 1296 psi, 0.60 Frac Gradient. Max Rate 71.0 bpm, Max Pressure 3602 psi. Avg Rate 70.6 bpm, Avg Pressure 3152 psi Total X-link fluids pumped: 73,586 gals Total 3% Slick water pumped: 55,528 gals Total fluid in bbls pumped: 3153 bbls Total 20/40 CRC Pumped = 167,300#,
13:45	1.50	15:15	PFRT	Perforating	R/U E-line, P/up stg #7, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 4/8/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8118', w/ 800 psi, pulled up & perforated stg #7 intervals from 7880' to 8103'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #7.

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
15:15	1.25	16:30	FRAC	Frac. Job	Pressure tested treating iron @ 8900 psi. Frac'd Stg #7 of 7, Zone Stg Wasatch & EB-1. Open Well @ 15:04 Hrs, W/ 701 Csg psi, 0 Surface & Frac Mandrel, 0 psi. AchievedFormation Break Down @ 8.3 bpm, 1077 psi. Total Bbls of 15% HCL Pump 93 bbls & Bio-Balls pumped 78. Started on 3% KCL Slick Water pad @ 70.5 bpm, 2598 psi. Open Perforation = 37 out of 39 shots, ISIP = 891 psi, .60 Frac Gradient. Started on 20# Hybor / X-link pad @ 70.5 bpm, 2576 psi. Start 2#/ Gal 20/40 CRC sand, 70.1 bpm, 2890 psi. 2# 70.1 bpm, 2860 psi 2# On perfs bpm 70.1 @ 2608 psi 3# 70.8 bpm, 2523 psi 3# On perfs bpm 70.8 @ 2179 psi Started seeing a slight increase in net pressure, Did not stage into 3.5# sand or 4# sand. Fluids system looked good On Flush @ 71.6 bpm, 2578 psi. Open Perforation = 39 out of 39 shots, ISDP, 1133 psi, 0.58 Frac Gradient. Max Rate 71.1 bpm, Max Pressure 2924 psi. Avg Rate 68.9 bpm, Avg Pressure 2426 psi Total X-link fluids pumped:71,684 gals Total 3% Slick water pumped: 55317 gals Total fluid in bbls pumped: 3117 bbls Total 20/40 CRC Pumped = 153,500#.
16:30	1.00	17:30	WLWK	Wireline	P/up 10K Fast Drill CBP / Kill Plug, Pressure tested lub, RIH to target depth, ran correlation strip using Halliburton log reference Ran on 4/8/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 7840', w/ 800 psi. Bleed off casing pressure, verified CBP / Kill plug held static test. Good Test on plug. POOH w/ e-line, L/D Setting tool.
17:30	1.75	19:15	SRIG	Rig Up/Down	Rig down frac equipment, RDMO SLB wireline equipment. Rig down water transfer equipment. Batched frac tanks. Secured frac tree on location for the night.
19:15	10.75	06:00	LOCL	Lock Wellhead & Secure	Frac tree shut in and secured location for the night.

Aurora Federal 3-20D-7-20 5/4/2012 06:00 - 5/5/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	PRODUCING	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting.
07:30	2.00	09:30	SRIG	Rig Up/Down	Set Anchors, MIRU w/o rig.
09:30	0.50	10:00	BOPI	Install BOP's	Bled off Pressure from Csg. ND Frac tree & Frac Sleeve, NU 7 1/16" 5K Double gate, NU 7 1/16" 5K Drilling Spool, NU 7 1/16" 5K Annular, & function test.
10:00	0.50	10:30	SRIG	Rig Up/Down	RU work floor & Tbg. equip.
10:30	1.50	12:00	GOP	General Operations	Unload Tbg. 348 Jts. of 2 7/8" L80 EUE. 6.5#
12:00	3.50	15:30	RUTB	Run Tubing	PU 4 3/4" Chomp Mill, 2 7/8" POB sub 3 1/8"O.D. w/float, 1 Jt. 2 7/8" L80 6.5# Tbg., 2.205" XN Nipple, 1 Jt., 2.313" X Nipple, & Tbg. Tag Kill Plug @ 7840'.
15:30	1.00	16:30	SRIG	Rig Up/Down	RU Power Swivel & Rig Pump.
16:30	13.50	06:00	LOCL	Lock Wellhead & Secure	Secure well for the night. WSI.

Aurora Federal 3-20D-7-20 5/5/2012 06:00 - 5/6/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	PRODUCING	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting

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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
07:30	8.00	15:30	DOPG	Drill Out Plugs	Make connection to plug. Establish circ. w/ Rig pump @ 2 Bbls./min. Returning 3 Bbls./min. Drill Plugs as follows: Plg.@ 7840', Csg.-450# Plg.@ 8110', 15' of sand. Csg.-450# Plg.@ 8328', 25' of sand. Csg.-500# Plg.@ 8573', 25' of sand. Csg.-650# Plg.@ 8850', 35' of sand. Csg.-650# Plg.@ 9198', 20' of sand. Csg.-700# Plg.@ 9484', 20' of sand. Csg.-700# Clean out Rat hole to FC @ 9908'. Circulated Bottoms up.
15:30	0.50	16:00	SRIG	Rig Up/Down	RD Power Swivel.
16:00	1.00	17:00	PULT	Pull Tubing	Lay down Tbg. to landing depth.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	Secure well SDFN.

Aurora Federal 3-20D-7-20 5/6/2012 06:00 - 5/7/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	PRODUCING	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	1.50	09:00	GOP	General Operations	PU Hanger, Stage hanger thru BOP stack, Land hanger & Test. Land Tbg. as follows: Tubing Des: Tubing - Production Set Depth (ftKB): 7,815.9 Run Date: 2012/05/06 12:00 Pull Date: Tubing Components Jts (ftKB) Item Des OD (in) ID (in) Wt (lb/ft) Grade Len (ft) Top Btm (ftKB) 1 Tubing Hanger 5 2.441 6.5 L-80 0.44 0 0.4 244 Tubing 2 7/8 2.441 6.5 L-80 7,748.75 0.4 7,749.20 1 X Nipple 2 7/8 2.313 6.5 L-80 1.25 7,749.20 7,750.40 1 Tubing 2 7/8 2.441 6.5 L-80 31.71 7,750.40 7,782.20 1 XN Nipple 2 7/8 2.205 6.5 L-80 1.19 7,782.20 7,783.30 1 Tubing 2 7/8 2.441 6.5 L-80 31.7 7,783.30 7,815.00 1 POB sub 3 1/8 2.441 0.85 7,815.00 7,815.90
09:00	0.50	09:30	SRIG	Rig Up/Down	RD Tbg. equip. & work floor.
09:30	0.50	10:00	BOPR	Remove BOP's	ND BOP, NU Producton Tree. Tie in sand can From Tbg. to sales line.
10:00	0.50	10:30	GOP	General Operations	Drop ball, POB, & chase w/ 30 Bbls. @ 4.5 Bbls./min. Drain all fluid equip.
10:30	1.00	11:30	SRIG	Rig Up/Down	RDMO w/o Rig.
11:30	18.50	06:00	FBCK	Flowback Well	Put Well on Production

Aurora Federal 3-20D-7-20 5/17/2012 06:00 - 5/8/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047520050000			Aurora	PRODUCING	10,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	2.00	09:00	GOP	General Operations	SPOT RIGR/U N/U BOP

Bill Barrett Corporation

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
09:00	3.00	12:00	PULT	Pull Tubing	POOH W/ TUBING L/D POBS
12:00	4.00	16:00	RUTB	Run Tubing	RIH AS FOLLOWS BULL PLUG 5 JTS DESANDER 4' SEAT NIPPLE 1 JT ANCHOR 244 JTS
16:00	2.00	18:00	GOP	General Operations	SET ANCHOR N/D BOP LAND
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UTU75093

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:
AURORA (DEEP)

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
AURORA FEDERAL 3-20D-7-20

2. NAME OF OPERATOR:
BILL BARRETT CORP

9. API NUMBER:
43047520050000

3. ADDRESS OF OPERATOR:
1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER:
303 312-8164 Ext

9. FIELD and POOL or WILDCAT:
BRENNAN BOTTOM

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0213 FNL 2370 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 20 Township: 07.0S Range: 20.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/31/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC hereby requests to recomplete the Lower Green River Formation per the attached procedure.

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 09, 2012

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Venessa Langmacher	303 312-8172	Senior Permit Analyst
SIGNATURE		**DATE**
N/A		7/27/2012

RECEIVED: Jul. 27, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047520050000

Prior to drilling out CIBP above Wasatch perfs and commingling Lower Green River with Wasatch production, approval for completion into two or more pools should be obtained by submitting a sundry notice in accordance with R649-3-22.

RECEIVED: **Jul. 27, 2012**

Bill Barrett Corporation

Aurora Federal 3-20D-7-20
RECOMPLETE PROCEDURES
Section 20–T7S–R20W
API # 43-047-52005

July 27, 2012

AFE # 16632D

OBJECTIVE

Pull existing rods and tubing, set CBP above existing perforations, and prepare wellbore for a Lower Green River recomplete. Perforate and frac Lower Green River per the procedure below. Drill out CBP's run tubing and return well to production.

MATERIAL NEEDS:

Fresh Water: 15,000 BBL's
Sand: 890,000 pounds 20/40 White and 50,000 pounds 100 Mesh, to be supplied by Service Company

CURRENT WELL STATUS

Currently the well is not producing.

COMPLETION PROCEDURE

1. **Safety is the highest priority**. Hold wellsite safety meetings each morning and prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Hold and document pre-activity meeting, determine location of necessary equipment and rig up of same, be sure all necessary contractors are present and agree as to the layout of location.
3. Spot necessary tanks and flowback equipment to perform the work outlined below and accommodate the materials listed above.
4. Pressure test flowback iron.
5. MIRU workover rig to pull rods and tubing.
6. Flush well with 300 BBL's heated fresh water using workover rig pump.

RECEIVED: Jul. 27, 2012

7. RDMO workover rig and associated equipment.
8. MIRU WL unit and lubricator.
9. RIH with gage ring to 5,450'.
10. RIH with CBP set at 7,849' MD.
11. ND production tree and NU frac tree.
12. Pressure test casing and CBP to 4,500 psi, hold for 15 minutes, monitor and record bleed off.
13. Perforate Stage 8 of Lower Green River as follows:

STAGE 8				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	7540	7541	3	120
	7564	7565	3	120
	7584	7585	3	120
	7592	7593	3	120
	7600	7601	3	120
	7619	7620	3	120
	7639	7640	3	120
	7685	7686	3	120
	7706	7707	3	120
	7731	7732	3	120
	7759	7760	3	120
	7778	7779	3	120
	7809	7810	3	120
	7819	7820	3	120
	7828	7829	3	120
Total			45	

14. MIRU & spot Halliburton Frac equipment.
15. Pressures test all lines to 10,000 psi.
16. Fracture stimulate interval # 8 per designs.
17. PU & RIH with CBP and perforating guns.
18. Set CBP @ 7,531
19. Perforate Stage 9 of Lower Green River as follows:

STAGE 9				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	7267	7268	3	120
	7297	7298	3	120
	7337	7338	3	120
	7345	7346	3	120
	7361	7362	3	120
	7371	7372	3	120
	7397	7398	3	120
	7408	7409	3	120
	7423	7424	3	120
	7433	7434	3	120
	7441	7442	3	120
	7465	7466	3	120
	7477	7478	3	120
	7485	7486	3	120
	7510	7511	3	120
Total			45	

20. Fracture stimulate interval #9 per design.

21. PU & RIH with CBP and perforating guns.

22. Set CBP @ 7,246.

23. Perforate Stage 10 of Lower Green River as follows:

STAGE 10				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	6943	6944	3	120
	6955	6956	3	120
	6988	6989	3	120
	6997	6998	3	120
	7004	7005	3	120
	7019	7020	3	120
	7042	7043	3	120
	7069	7070	3	120
	7127	7128	3	120
	7135	7136	3	120
	7145	7146	3	120
	7170	7171	3	120
	7200	7201	3	120
	7225	7226	3	120
Total			42	

24. Fracture stimulate Lower Green River interval # 10 per design.

25. PU & RIH with CBP and perforating guns.

26. Set CBP @ 6,932'.

27. Perforate Stage 11 of Lower Green River as follows:

STAGE 11				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	6603	6604	3	120
	6623	6624	3	120
	6633	6634	3	120
	6660	6661	3	120
	6691	6692	3	120
	6787	6788	3	120
	6825	6826	3	120
	6848	6849	3	120
	6857	6858	3	120
	6869	6870	3	120
	6885	6886	3	120
	6895	6896	3	120
	6911	6912	3	120
Total			39	

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28. Fracture stimulate Lower Green River interval # 11 per design.

29. PU & RIH with CBP and perforating guns.

30. Set CBP @ 6,580.

31. Perforate Stage 12 of Lower Green River as follows:

STAGE 12				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	6280	6281	3	120
	6293	6294	3	120
	6301	6302	3	120
	6317	6318	3	120
	6351	6352	3	120
	6383	6384	3	120
	6437	6438	3	120
	6479	6480	3	120
	6530	6532	6	120
	6549	6550	3	120
	6558	6560	6	120
Total			39	

32. Fracture stimulate Lower Green River interval # 12 per design.

33. PU & RIH with CBP and perforating guns.

34. Set CBP @ 6,221'.

35. Perforate Stage 13 of Lower Green River as follows:

STAGE 13				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	5981	5982	3	120
	5997	5998	3	120
	6008	6009	3	120
	6024	6026	6	120
	6053	6054	3	120
	6067	6068	3	120
	6075	6076	3	120
	6091	6092	3	120
	6163	6164	3	120
	6174	6176	6	120
	6183	6184	3	120
	6199	6201	6	120
Total			45	

36. Fracture stimulate Lower Green River interval # 13 per design.

37. RD Halliburton frac equipment, clear location of all unnecessary personnel and equipment.

38. Set CBP @ +/- 5,900'.

39. ND frac tree and NU production tree and BOP's.

40. MIRU workover rig unit

41. Drill out CBP's and **clean out to TD** and land tubing.

42. Return well to production.

CASING DATA

STRING	SIZE	WEIGHT	GRADE	DEPTH
Surface	10 3/4"	45.5#	J-55	3,460'
Production	5-1/2"	17#	P-110	9,980'

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PRESSURE AND DIMENSIONAL DATA

SIZE	WEIGHT	GRADE	BURST	COLLAPSE	DRIFT
10 3/4”	45.5#	J-55	3,130 psi	1,580 psi	9.894”
5 1/2”	17.0#	P-110	7,740 psi	10,640 psi	4.653”

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU75093

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: AURORA (DEEP)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: AURORA FEDERAL 3-20D-7-20

2. NAME OF OPERATOR: BILL BARRETT CORP

9. API NUMBER: 43047520050000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0213 FNL 2370 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 20 Township: 07.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

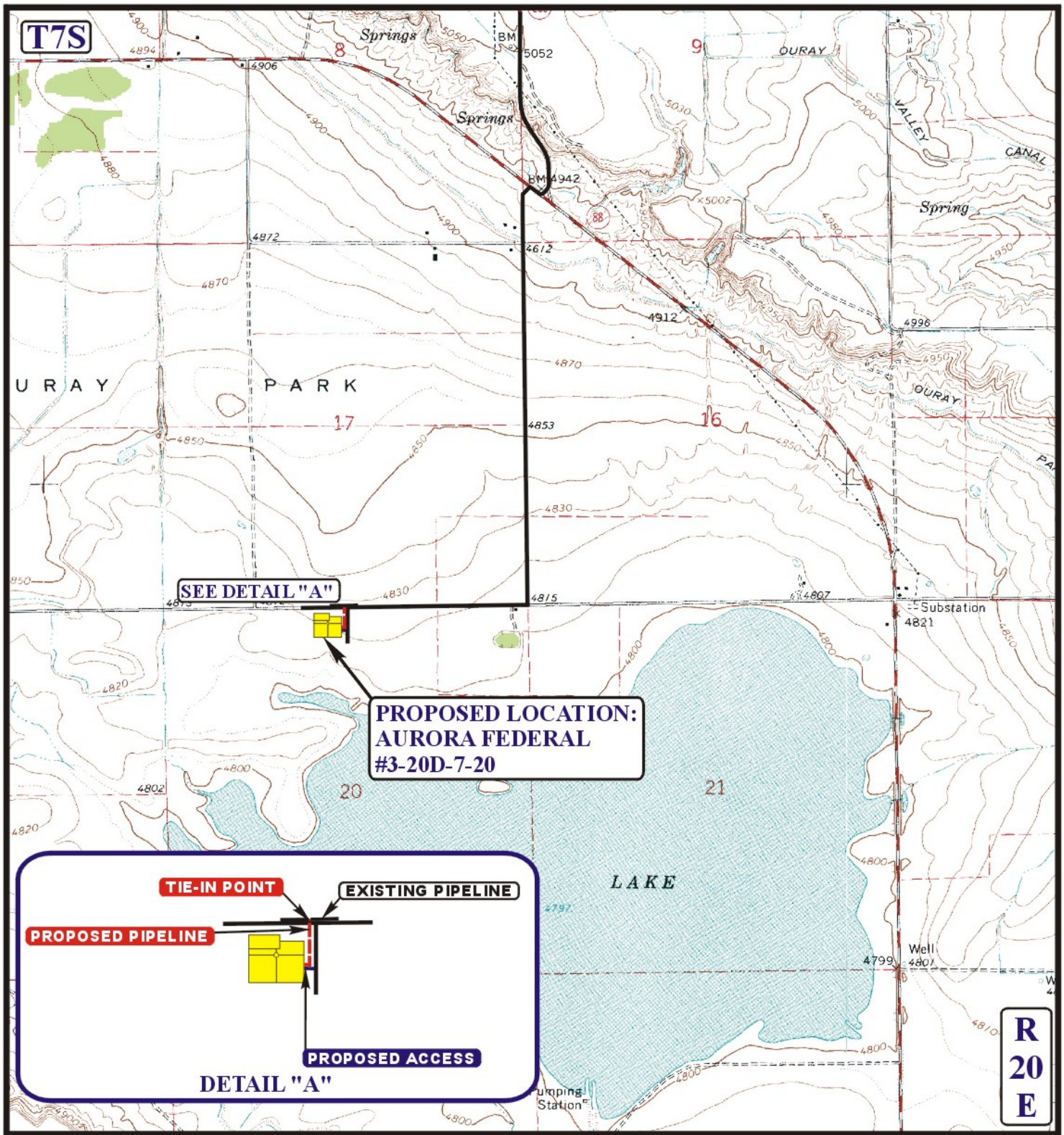
TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/30/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Pipeline

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The surface owner agreements have been signed for the installation of the pipeline shown on the attached map.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
August 29, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Venessa Langmacher	303 312-8172	Senior Permit Analyst
SIGNATURE N/A		**DATE** 8/27/2012



APPROXIMATE TOTAL PIPELINE DISTANCE = 350' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

BILL BARRETT CORPORATION

AURORA FEDERAL #3-20D-7-20
SECTION 20, T7S, R20E, S.L.B.&M.
213' FNL 2370' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 11 MONTH | 02 DAY | 10 YEAR | C TOPO

SCALE: 1" = 2000' | DRAWN BY: J.J. | REV: 09-13-11 C.I.

Entry 2012001384
Book 1265 Page 709-711 $14.00
17-FEB-12 03:03
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
ENCORE LAND SERVICES INC
PO BOX 1729 VERNAL, UT 84078
Rec By: TONYA ATWOOD , DEPUTY

PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
} SS
COUNTY OF }

FOR AND IN CONSIDERATION OF TEN & 00/100ths DOLLARS ($10.00) and other good and valuable consideration, in hand paid to

Entry 2012001384
Book 1265 Page 709

Cox Brothers Farms, Inc. whose address is HC 69 Box 144, Randlett, UT 84063

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledge, does hereby grant to **Aurora Gathering, LLC** of **1099 18th Street, #2300, Denver, CO 80202** ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use a pipeline along with the right to alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from time to time add additional pipeline or multiple pipelines, drips, valves, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantor in **Uintah** County, State of Utah, to-wit:

Township 7 South, Range 20 East, SLM
Section 17: A portion of the SE/4SW/4

As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor shall not place anything over or so close to any pipeline or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60) feet in width for construction and Thirty (30) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor once cleanup is completed.

The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes any prior oral or written agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil and gas leases owned by Operator covering all or any portion of the above described lands.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless **Aurora Gathering, LLC,** its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

Grantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the pipeline, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 25 day of Jan, 20 12

GRANTOR:
Cox Brothers Farms, Inc.

Gary L. Cox, President, Director

W. Harrison Cox, Vice-President, Director

GRANTEE:
Aurora Gathering, LLC

Huntington T. Walker, Senior Vice President Land

TJA

2071 0 PRL

ACKNOWLEDGEMENT

Entry 2012001384
Book 1265 Page 710

STATE OF Utah)
) SS
COUNTY OF Uintah)

On the 25th day of January, 2012, before me the undersigned authority, appeared **Gary L. Cox,** to me personally known, who, being sworn, did say that they are the President and Director for Cox Brothers Farms, Inc., and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

TERRA M. MILLER
Notary Public - State of Utah
Commission No. 602561
My Commission Expires on November 26, 2014

Notary Public for the State of

Residing at Vernal, UT

ACKNOWLEDGEMENT

STATE OF Utah)
) SS
COUNTY OF Uintah)

On the 25th day of January, 2012, before me the undersigned authority, appeared **W. Harrison Cox,** to me personally known, who, being sworn, did say that they are the Vice-President and Director for Cox Brothers Farms, Inc., and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

TERRA M. MILLER
Notary Public - State of Utah
Commission No. 602561
My Commission Expires on November 26, 2014

Notary Public for the State of

Residing at Vernal, UT

ACKNOWLEDGEMENT

STATE OF Colorado)
) SS
COUNTY OF Denver)

On the 15th day of February, 2012, before me the undersigned authority, appeared **Huntington T. Walker,** to me personally known, who, being sworn, did say that they are the Senior Vice President Land for Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

LESLIE CROFT
Notary Public
State of Colorado
My Commission Expires 10/6/15

Notary Public for the State of

Residing at 1099 18th St. Denver Co 80202

2071 0 PRL

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. UTU75093

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator BILL BARRETT CORPORATION
Contact: MEGAN FINNEGAN
E-Mail: mfinnegan@billbarrettcorp.com

8. Lease Name and Well No. AURORA FEDERAL 3-20D-7-20

3. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202

3a. Phone No. (include area code) Ph: 303-299-9949

9. API Well No. 43-047-52005

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENW 213FNL 2370FWL

At top prod interval reported below NENW 646FNL 2195FWL

At total depth NENW 654FNL 2203FWL BHL BY HSM

10. Field and Pool, or Exploratory BRENNEAN BOTTOM

11. Sec., T., R., M., or Block and Survey or Area Sec 20 T7S R20E Mer SLB

12. County or Parish UINTAH

13. State UT

14. Date Spudded 03/03/2012

15. Date T.D. Reached 04/06/2012

16. Date Completed ☐ D & A ☒ Ready to Prod. 05/05/2012

17. Elevations (DF, KB, RT, GL)* 4818 GL

18. Total Depth: MD 10015 TVD 9974

19. Plug Back T.D.: MD 9909 TVD ~~9934~~

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL TRIPLE COMBO, BOREHOLE

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 COND	65.0	0	80	80			0	
14.750	10.750 J-55	45.5	0	3510	3504	1300	614	0	
8.750	5.500 P-110	17.0	0	10015	9998	1755	583	2980	15000

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7816							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	GREEN RIVER	7880	7909	7880 TO 7909	0.440	9	OPEN
B)	WASATCH	7928	9792	7928 TO 9792	0.440	264	OPEN
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7880 TO 7909	GREEN RIVER: TREATED WITH WASATCH; SEE ATTACHED TREATMENT DATA
7928 TO 9792	WASATCH: SEE TREATMENT STAGES 1 - 7

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/05/2012	05/08/2012	24	→	0.0	0.0	74.0			FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
24/64	450	600.0	→	0	0	74	0	POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

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(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #145459 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GREEN RIVER	3725
				MAHOGANY	5109
				DOUGLAS CREEK	6348
				CASTLE PEAK	7300
				UTELAND BUTTE	7551
				WASATCH	7922
				TD	10015

32. Additional remarks (include plugging procedure):
TOC was calculated by CBL. CBL mailed due to file size. Conductor was cemented with grout. Treatment Data is attached.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #145459 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal

Name *(please print)* MEGAN FINNEGAN Title PERMIT ANALYST

Signature (Electronic Submission) Date 08/09/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Aurora Federal 3-20D-7-20 Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)		
AMOUNT AND TYPE OF MATERIAL		
Stage	***Bbls Slurry***	***20/40 lbs White Sand***
1	3,396	160,200
2	3,155	156,900
3	2,862	112,100
4	2,832	121,300
5	3,212	164,400
6	3,333	167,300
7	3,286	157,260

*Depth intervals for frac information same as perforation record intervals.

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DIV. OF OIL, GAS & MINING

Bill Barrett Corp

Uintah County, UT (NAD 1927)
Sec. 20-T7S-R20E
Aurora Federal 3-20D-7-20

Plan A

Design: MWD Survey

Sperry Drilling Services

Final Survey Report

08 August, 2012

Well Coordinates: 686,025.97 N, 2,504,487.56 E (40° 12' 10.24" N, 109° 41' 37.43" W)
Ground Level: 4,818.00 ft

Local Coordinate Origin:	Centered on Well Aurora Federal 3-20D-7-20
Viewing Datum:	KB @ 4842.00ft (H&P 319)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet - Custom

Geodetic Scale Factor Applied
Version: 2003.16 Build: 431

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DIV. OF OIL, GAS & MINING

HALLIBURTON

Design Report for Aurora Federal 3-20D-7-20 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.00	0.49	127.93	129.00	-0.34	0.44	0.15	0.38
First MWD Survey							
257.00	0.46	149.07	256.99	-1.12	1.13	0.61	0.14
351.00	0.51	169.36	350.99	-1.85	1.40	1.19	0.19
435.00	0.44	155.02	434.99	-2.51	1.61	1.72	0.16
526.00	0.43	164.40	525.99	-3.16	1.85	2.23	0.08
618.00	0.67	182.41	617.98	-4.03	1.92	3.01	0.32
709.00	0.38	196.27	708.98	-4.85	1.81	3.81	0.35
804.00	0.12	268.22	803.98	-5.15	1.62	4.16	0.38
898.00	0.20	217.21	897.98	-5.29	1.42	4.36	0.17
992.00	0.35	201.81	991.97	-5.68	1.22	4.80	0.18
1,086.00	0.50	221.27	1,085.97	-6.26	0.84	5.48	0.22
1,180.00	0.56	205.70	1,179.97	-6.98	0.37	6.33	0.17
1,275.00	0.86	196.74	1,274.96	-8.08	-0.03	7.50	0.34
1,369.00	0.62	205.69	1,368.95	-9.22	-0.46	8.71	0.28
1,464.00	0.51	169.77	1,463.95	-10.10	-0.61	9.58	0.38
1,558.00	0.57	172.77	1,557.94	-10.97	-0.47	10.34	0.07
1,652.00	0.78	174.16	1,651.94	-12.07	-0.35	11.31	0.22
1,747.00	0.65	154.20	1,746.93	-13.20	-0.05	12.24	0.29
1,841.00	0.23	114.07	1,840.93	-13.76	0.36	12.61	0.53
1,935.00	0.42	171.53	1,934.93	-14.17	0.58	12.91	0.38
2,029.00	0.78	191.66	2,028.92	-15.14	0.50	13.83	0.44
2,123.00	0.91	209.94	2,122.91	-16.42	0.00	15.20	0.32
2,218.00	0.94	200.61	2,217.90	-17.80	-0.65	16.73	0.16
2,312.00	0.93	199.03	2,311.89	-19.24	-1.17	18.26	0.03
2,406.00	1.19	210.73	2,405.87	-20.80	-1.92	19.99	0.36
2,500.00	1.29	211.39	2,499.85	-22.54	-2.97	22.00	0.11
2,594.00	1.34	207.75	2,593.82	-24.42	-4.03	24.14	0.10
2,689.00	1.27	198.96	2,688.80	-26.40	-4.89	26.29	0.22
2,783.00	1.33	200.22	2,782.77	-28.41	-5.61	28.42	0.07
2,877.00	1.19	195.32	2,876.75	-30.37	-6.24	30.48	0.19
2,971.00	1.14	204.64	2,970.73	-32.16	-6.89	32.39	0.21
3,066.00	1.20	212.72	3,065.71	-33.86	-7.82	34.31	0.18
3,160.00	1.17	204.36	3,159.69	-35.56	-8.75	36.24	0.19
3,254.00	1.30	198.50	3,253.67	-37.45	-9.48	38.26	0.19
3,348.00	1.21	193.56	3,347.65	-39.42	-10.06	40.30	0.15
3,430.00	1.13	199.39	3,429.63	-41.03	-10.53	41.97	0.17
3,538.00	0.92	177.23	3,537.61	-42.90	-10.84	43.82	0.41
3,632.00	2.06	187.03	3,631.58	-45.33	-11.01	46.13	1.24
3,727.00	3.94	194.67	3,726.45	-50.18	-12.04	51.02	2.02
3,821.00	5.21	198.20	3,820.15	-57.36	-14.20	58.48	1.38
3,915.00	6.25	198.21	3,913.68	-66.28	-17.13	67.84	1.11
4,009.00	8.16	199.56	4,006.93	-77.42	-20.96	79.61	2.04
4,103.00	9.39	195.81	4,099.83	-91.09	-25.28	93.90	1.44
4,198.00	10.88	193.82	4,193.34	-107.25	-29.54	110.47	1.61
4,245.00	10.76	189.05	4,239.51	-115.89	-31.29	119.13	1.92
4,292.00	11.64	193.29	4,285.61	-124.84	-33.07	128.09	2.56
4,339.00	12.59	195.36	4,331.57	-134.39	-35.51	137.86	2.22
4,386.00	14.64	199.78	4,377.24	-144.92	-38.88	148.88	4.89

Design Report for Aurora Federal 3-20D-7-20 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4,433.00	16.20	203.30	4,422.55	-156.53	-43.48	161.37	3.87
4,480.00	15.92	203.40	4,467.72	-168.47	-48.64	174.37	0.60
4,527.00	15.86	202.61	4,512.92	-180.32	-53.67	187.24	0.48
4,574.00	15.28	202.53	4,558.20	-191.97	-58.51	199.85	1.23
4,621.00	14.74	201.25	4,603.59	-203.26	-63.05	212.03	1.35
4,669.00	14.12	201.26	4,650.08	-214.41	-67.38	223.99	1.29
4,716.00	13.45	198.70	4,695.73	-224.93	-71.22	235.17	1.93
4,763.00	12.08	194.01	4,741.56	-234.88	-74.16	245.50	3.65
4,810.00	11.10	188.56	4,787.61	-244.12	-76.02	254.77	3.12
4,857.00	11.15	188.20	4,833.72	-253.10	-77.35	263.57	0.18
4,904.00	11.43	191.66	4,879.81	-262.15	-78.93	272.56	1.56
4,951.00	12.18	194.90	4,925.82	-271.51	-81.15	282.06	2.13
4,998.00	12.56	199.31	4,971.73	-281.12	-84.12	292.08	2.17
5,045.00	12.74	205.20	5,017.59	-290.63	-88.01	302.36	2.77
5,092.00	12.98	210.17	5,063.41	-299.89	-92.87	312.76	2.41
5,140.00	11.86	208.04	5,110.29	-308.90	-97.90	323.01	2.52
5,187.00	11.16	204.33	5,156.34	-317.31	-102.04	332.36	2.17
5,234.00	11.35	208.02	5,202.44	-325.54	-106.09	341.50	1.58
5,281.00	11.59	214.50	5,248.50	-333.51	-110.94	350.72	2.79
5,328.00	12.21	219.15	5,294.50	-341.26	-116.75	360.08	2.43
5,375.00	11.89	218.20	5,340.46	-348.91	-122.88	369.49	0.80
5,422.00	11.00	213.69	5,386.53	-356.45	-128.36	378.54	2.68
5,516.00	9.49	211.16	5,479.02	-370.54	-137.35	394.98	1.68
5,611.00	8.39	203.88	5,572.87	-383.58	-144.21	409.64	1.66
5,705.00	7.95	208.97	5,665.92	-395.54	-150.13	422.95	0.90
5,799.00	6.41	215.41	5,759.18	-405.51	-156.32	434.52	1.85
5,846.00	6.00	214.15	5,805.91	-409.68	-159.22	439.47	0.92
5,893.00	4.58	217.59	5,852.70	-413.20	-161.74	443.69	3.09
5,940.00	2.94	217.83	5,899.60	-415.64	-163.63	446.66	3.49
5,988.00	1.67	201.58	5,947.56	-417.26	-164.64	448.54	2.95
6,082.00	0.41	176.65	6,041.55	-418.87	-165.12	450.21	1.39
6,176.00	0.45	187.25	6,135.54	-419.57	-165.15	450.87	0.09
6,270.00	0.67	175.96	6,229.54	-420.49	-165.16	451.72	0.26
6,364.00	0.30	173.86	6,323.53	-421.28	-165.09	452.43	0.39
6,458.00	1.01	193.68	6,417.53	-422.33	-165.26	453.47	0.78
6,552.00	1.28	230.57	6,511.51	-423.80	-166.27	455.21	0.82
6,646.00	1.68	231.44	6,605.48	-425.33	-168.16	457.34	0.43
6,741.00	0.23	53.87	6,700.47	-426.08	-169.09	458.39	2.01
6,835.00	0.64	82.32	6,794.46	-425.90	-168.42	457.97	0.48
6,929.00	0.86	218.78	6,888.46	-426.38	-168.34	458.38	1.48
7,023.00	0.69	205.64	6,982.45	-427.44	-169.03	459.62	0.26
7,118.00	0.63	189.12	7,077.45	-428.47	-169.36	460.70	0.21
7,212.00	0.32	232.40	7,171.44	-429.14	-169.65	461.43	0.48
7,306.00	0.24	186.49	7,265.44	-429.50	-169.88	461.85	0.25
7,401.00	0.21	225.74	7,360.44	-429.82	-170.03	462.20	0.16
7,495.00	1.40	233.02	7,454.43	-430.63	-171.07	463.35	1.27
7,590.00	0.84	252.30	7,549.41	-431.54	-172.66	464.79	0.70
7,684.00	0.89	241.86	7,643.40	-432.09	-173.96	465.79	0.18
7,778.00	0.39	234.67	7,737.39	-432.62	-174.86	466.62	0.54
7,872.00	0.35	134.89	7,831.39	-433.01	-174.92	467.00	0.60
7,967.00	0.54	243.75	7,926.39	-433.41	-175.12	467.45	0.77

Design Report for Aurora Federal 3-20D-7-20 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
8,061.00	0.35	162.29	8,020.39	-433.88	-175.43	468.00	0.64
8,155.00	1.14	153.86	8,114.38	-434.99	-174.93	468.84	0.85
8,250.00	1.25	87.84	8,209.36	-435.80	-173.48	469.05	1.37
8,344.00	1.11	71.04	8,303.34	-435.47	-171.59	468.02	0.40
8,438.00	1.00	70.37	8,397.33	-434.90	-169.96	466.88	0.12
8,532.00	0.68	103.30	8,491.32	-434.75	-168.64	466.25	0.60
8,627.00	0.44	150.65	8,586.31	-435.20	-167.91	466.39	0.53
8,721.00	0.14	36.35	8,680.31	-435.42	-167.67	466.50	0.55
8,815.00	0.08	295.42	8,774.31	-435.30	-167.66	466.39	0.19
8,910.00	0.27	71.76	8,869.31	-435.20	-167.51	466.24	0.35
9,004.00	0.24	138.18	8,963.31	-435.28	-167.17	466.18	0.30
9,098.00	0.21	158.77	9,057.31	-435.59	-166.97	466.39	0.09
9,192.00	0.54	151.94	9,151.31	-436.14	-166.70	466.80	0.35
9,287.00	0.48	174.63	9,246.31	-436.93	-166.45	467.44	0.22
9,381.00	0.11	108.31	9,340.31	-437.35	-166.33	467.78	0.48
9,475.00	0.08	177.83	9,434.30	-437.44	-166.24	467.84	0.12
9,570.00	0.29	218.16	9,529.30	-437.70	-166.39	468.13	0.25
9,664.00	0.38	168.24	9,623.30	-438.19	-166.47	468.61	0.31
9,758.00	0.43	184.77	9,717.30	-438.85	-166.44	469.21	0.13
9,852.00	0.55	202.97	9,811.30	-439.61	-166.64	470.00	0.21
9,954.00	0.72	184.47	9,913.29	-440.70	-166.88	471.10	0.26
Final MWD Survey							
10,015.00	0.72	184.47	9,974.29	-441.47	-166.94	471.83	0.00
Survey Projection to TD							

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
129.00	129.00	-0.34	0.44	First MWD Survey
9,954.00	9,913.29	-440.70	-166.88	Final MWD Survey
10,015.00	9,974.29	-441.47	-166.94	Survey Projection to TD

Vertical Section Information

	Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
Target		Aurora Federal 3-20D-7-20_PlanA - Rev0_BHL Tgt	202.16	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
129.00	10,015.00	Sperry MWD Surveys	MWD

Design Report for Aurora Federal 3-20D-7-20 - MWD Survey

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Aurora Federal	0.00	0.00	5,957.00	-449.17	-182.97	685,573.24	2,504,313.71	40.201611	-109.694386
- actual wellpath misses target center by 36.53ft at 5998.08ft MD (5957.64 TVD, -417.52 N, -164.74 E)									
- Rectangle (sides W200.00 H200.00 D4,555.00)									
Aurora Federal	0.00	0.00	0.00	0.00	0.00	686,025.97	2,504,487.56	40.202844	-109.693731
- actual wellpath hits target center									
- Polygon									
Point 1				-350.00	-245.00	685,773.98	2,504,142.60		
Point 2				0.00	-245.00	685,781.04	2,504,492.50		
Point 3				-350.00	-245.00	685,773.98	2,504,142.60		
Aurora Federal	0.00	0.00	10,512.00	-449.17	-182.97	685,573.24	2,504,313.71	40.201611	-109.694386
- actual wellpath misses target center by 538.01ft at 10015.00ft MD (9974.29 TVD, -441.47 N, -166.94 E)									
- Point									

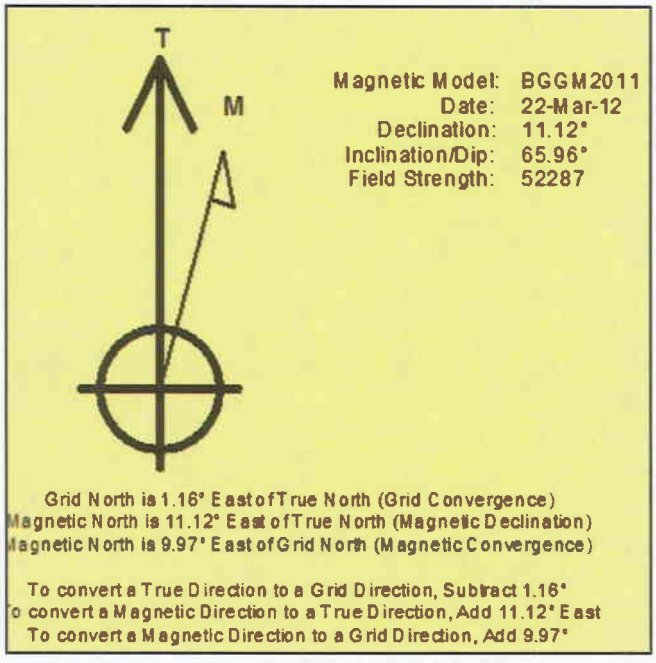
North Reference Sheet for Sec. 20-T7S-R20E - Aurora Federal 3-20D-7-20 - Plan A

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.
Vertical Depths are relative to KB @ 4842.00ft (H&P 319). Northing and Easting are relative to Aurora Federal 3-20D-7-20
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866
Projection method is Lambert Conformal Conic (2 parallel)
Central Meridian is -111.500000°, Longitude Origin:0.000000°, Latitude Origin:40.650000°
False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99991939

Grid Coordinates of Well: 686,025.97 ft N, 2,504,487.56 ft E
Geographical Coordinates of Well: 40° 12' 10.24" N, 109° 41' 37.43" W
Grid Convergence at Surface is: 1.16°

Based upon Minimum Curvature type calculations, at a Measured Depth of 10,015.00ft
the Bottom Hole Displacement is 471.98ft in the Direction of 200.71° (True).

Magnetic Convergence at surface is: -9.97° (22 March 2012, , BGGM2011)



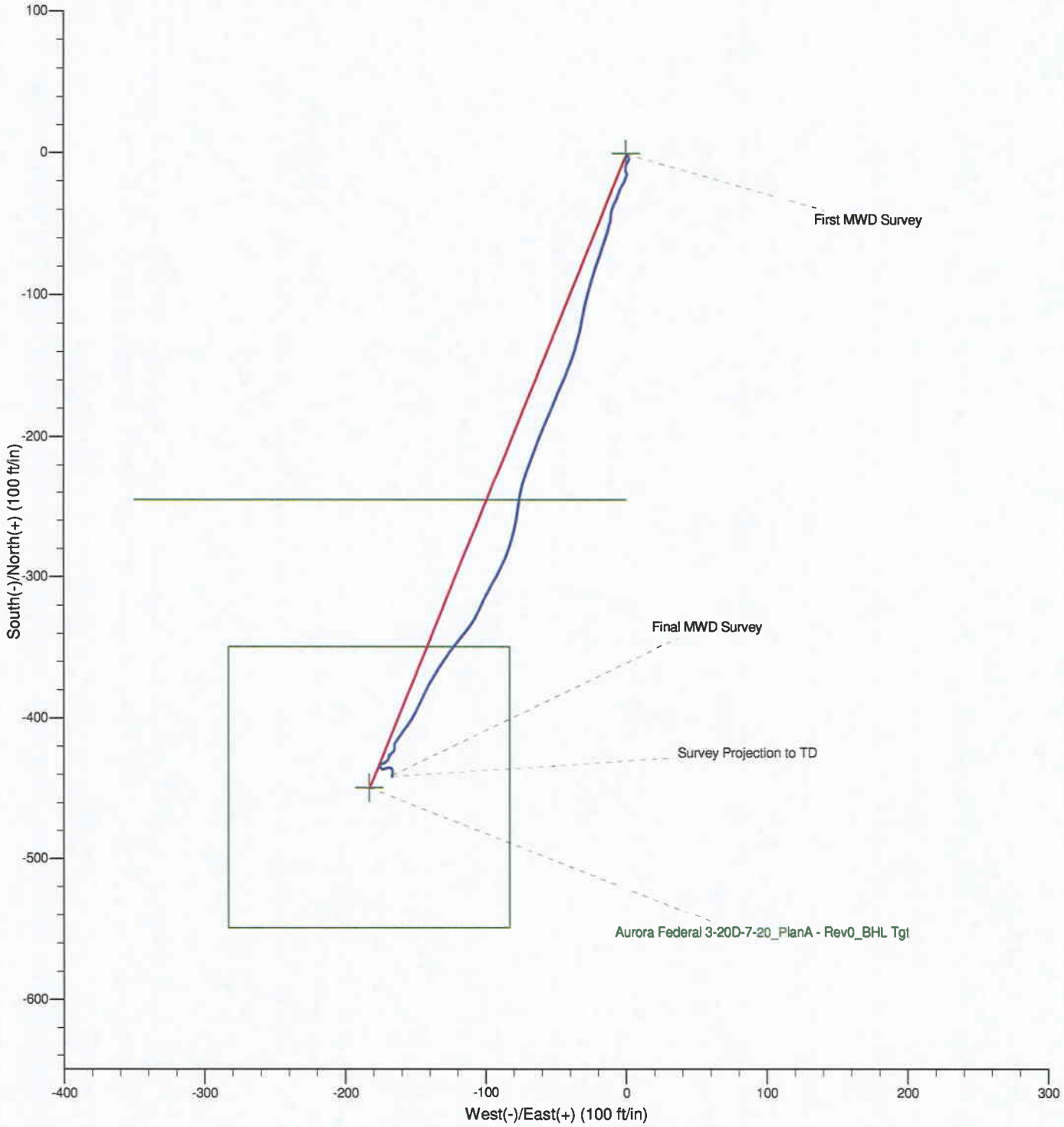
Project: Uintah County, UT (NAD 1927)
Site: Sec. 20-T7S-R20E
Well: Aurora Federal 3-20D-7-20

Bill Barrett Corp

HALLIBURTON
Sperry Drilling

LEGEND

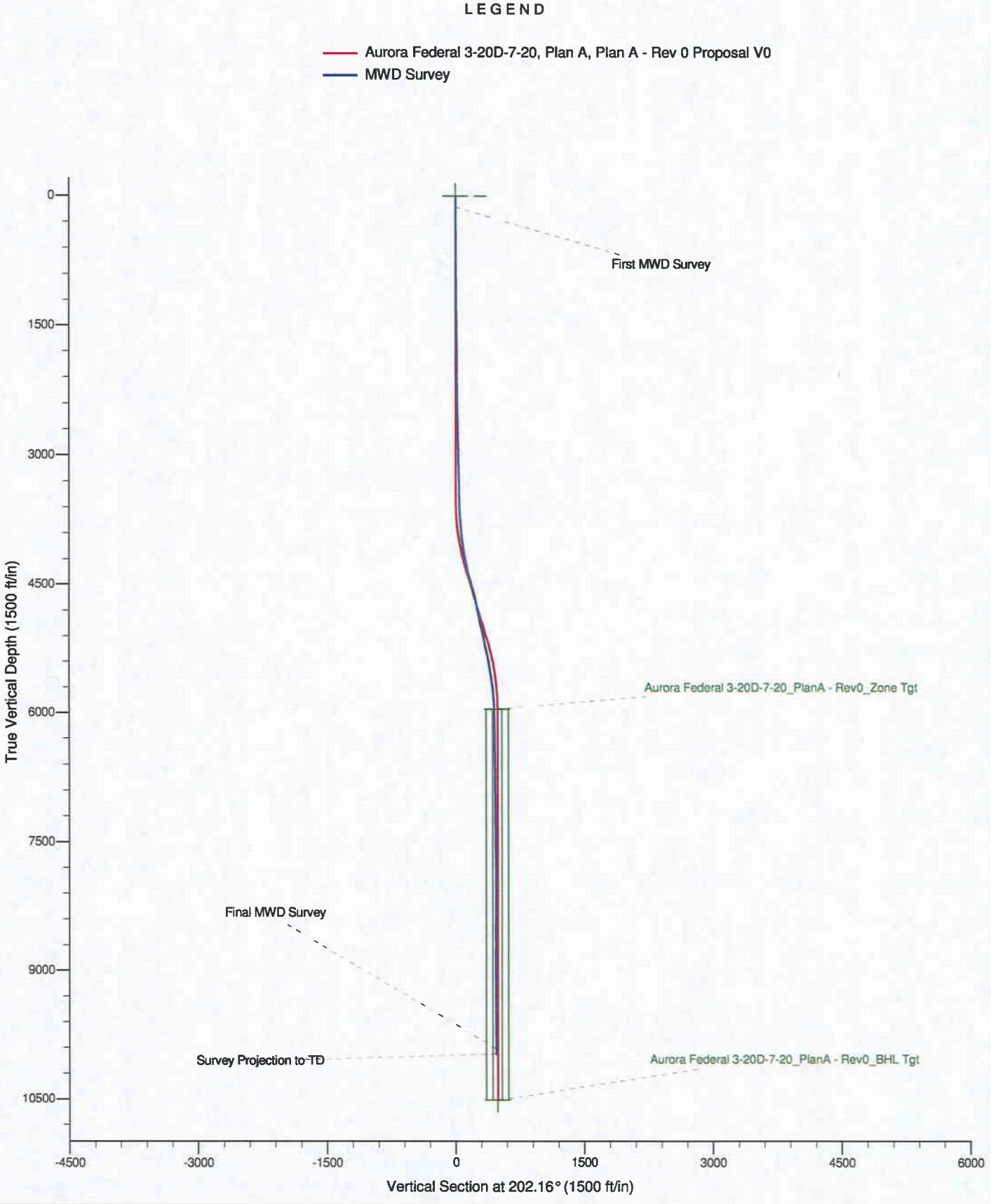
Aurora Federal 3-20D-7-20, Plan A, Plan A - Rev 0 Proposal V0
MWD Survey



Project: Uintah County, UT (NAD 1927)
Site: Sec. 20-T7S-R20E
Well: Aurora Federal 3-20D-7-20

Bill Barrett Corp

HALLIBURTON
Sperry Drilling



Bill Barrett Corp

Uintah County, UT (NAD 1927)
Sec. 20-T7S-R20E
Aurora Federal 3-20D-7-20

Plan A

Design: MWD Survey

Sperry Drilling Services

Final Survey Report

08 August, 2012

Well Coordinates: 686,025.97 N, 2,504,487.56 E (40° 12' 10.24" N, 109° 41' 37.43" W)
Ground Level: 4,818.00 ft

Local Coordinate Origin:	Centered on Well Aurora Federal 3-20D-7-20
Viewing Datum:	KB @ 4842.00ft (H&P 319)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet - Custom

Geodetic Scale Factor Applied
Version: 2003.16 Build: 431

HALLIBURTON

Design Report for Aurora Federal 3-20D-7-20 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.00	0.49	127.93	129.00	-0.34	0.44	0.15	0.38
First MWD Survey							
257.00	0.46	149.07	256.99	-1.12	1.13	0.61	0.14
351.00	0.51	169.36	350.99	-1.85	1.40	1.19	0.19
435.00	0.44	155.02	434.99	-2.51	1.61	1.72	0.16
526.00	0.43	164.40	525.99	-3.16	1.85	2.23	0.08
618.00	0.67	182.41	617.98	-4.03	1.92	3.01	0.32
709.00	0.38	196.27	708.98	-4.85	1.81	3.81	0.35
804.00	0.12	268.22	803.98	-5.15	1.62	4.16	0.38
898.00	0.20	217.21	897.98	-5.29	1.42	4.36	0.17
992.00	0.35	201.81	991.97	-5.68	1.22	4.80	0.18
1,086.00	0.50	221.27	1,085.97	-6.26	0.84	5.48	0.22
1,180.00	0.56	205.70	1,179.97	-6.98	0.37	6.33	0.17
1,275.00	0.86	196.74	1,274.96	-8.08	-0.03	7.50	0.34
1,369.00	0.62	205.69	1,368.95	-9.22	-0.46	8.71	0.28
1,464.00	0.51	169.77	1,463.95	-10.10	-0.61	9.58	0.38
1,558.00	0.57	172.77	1,557.94	-10.97	-0.47	10.34	0.07
1,652.00	0.78	174.16	1,651.94	-12.07	-0.35	11.31	0.22
1,747.00	0.65	154.20	1,746.93	-13.20	-0.05	12.24	0.29
1,841.00	0.23	114.07	1,840.93	-13.76	0.36	12.61	0.53
1,935.00	0.42	171.53	1,934.93	-14.17	0.58	12.91	0.38
2,029.00	0.78	191.66	2,028.92	-15.14	0.50	13.83	0.44
2,123.00	0.91	209.94	2,122.91	-16.42	0.00	15.20	0.32
2,218.00	0.94	200.61	2,217.90	-17.80	-0.65	16.73	0.16
2,312.00	0.93	199.03	2,311.89	-19.24	-1.17	18.26	0.03
2,406.00	1.19	210.73	2,405.87	-20.80	-1.92	19.99	0.36
2,500.00	1.29	211.39	2,499.85	-22.54	-2.97	22.00	0.11
2,594.00	1.34	207.75	2,593.82	-24.42	-4.03	24.14	0.10
2,689.00	1.27	198.96	2,688.80	-26.40	-4.89	26.29	0.22
2,783.00	1.33	200.22	2,782.77	-28.41	-5.61	28.42	0.07
2,877.00	1.19	195.32	2,876.75	-30.37	-6.24	30.48	0.19
2,971.00	1.14	204.64	2,970.73	-32.16	-6.89	32.39	0.21
3,066.00	1.20	212.72	3,065.71	-33.86	-7.82	34.31	0.18
3,160.00	1.17	204.36	3,159.69	-35.56	-8.75	36.24	0.19
3,254.00	1.30	198.50	3,253.67	-37.45	-9.48	38.26	0.19
3,348.00	1.21	193.56	3,347.65	-39.42	-10.06	40.30	0.15
3,430.00	1.13	199.39	3,429.63	-41.03	-10.53	41.97	0.17
3,538.00	0.92	177.23	3,537.61	-42.90	-10.84	43.82	0.41
3,632.00	2.06	187.03	3,631.58	-45.33	-11.01	46.13	1.24
3,727.00	3.94	194.67	3,726.45	-50.18	-12.04	51.02	2.02
3,821.00	5.21	198.20	3,820.15	-57.36	-14.20	58.48	1.38
3,915.00	6.25	198.21	3,913.68	-66.28	-17.13	67.84	1.11
4,009.00	8.16	199.56	4,006.93	-77.42	-20.96	79.61	2.04
4,103.00	9.39	195.81	4,099.83	-91.09	-25.28	93.90	1.44
4,198.00	10.88	193.82	4,193.34	-107.25	-29.54	110.47	1.61
4,245.00	10.76	189.05	4,239.51	-115.89	-31.29	119.13	1.92
4,292.00	11.64	193.29	4,285.61	-124.84	-33.07	128.09	2.56
4,339.00	12.59	195.36	4,331.57	-134.39	-35.51	137.86	2.22
4,386.00	14.64	199.78	4,377.24	-144.92	-38.88	148.88	4.89

Design Report for Aurora Federal 3-20D-7-20 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4,433.00	16.20	203.30	4,422.55	-156.53	-43.48	161.37	3.87
4,480.00	15.92	203.40	4,467.72	-168.47	-48.64	174.37	0.60
4,527.00	15.86	202.61	4,512.92	-180.32	-53.67	187.24	0.48
4,574.00	15.28	202.53	4,558.20	-191.97	-58.51	199.85	1.23
4,621.00	14.74	201.25	4,603.59	-203.26	-63.05	212.03	1.35
4,669.00	14.12	201.26	4,650.08	-214.41	-67.38	223.99	1.29
4,716.00	13.45	198.70	4,695.73	-224.93	-71.22	235.17	1.93
4,763.00	12.08	194.01	4,741.56	-234.88	-74.16	245.50	3.65
4,810.00	11.10	188.56	4,787.61	-244.12	-76.02	254.77	3.12
4,857.00	11.15	188.20	4,833.72	-253.10	-77.35	263.57	0.18
4,904.00	11.43	191.66	4,879.81	-262.15	-78.93	272.56	1.56
4,951.00	12.18	194.90	4,925.82	-271.51	-81.15	282.06	2.13
4,998.00	12.56	199.31	4,971.73	-281.12	-84.12	292.08	2.17
5,045.00	12.74	205.20	5,017.59	-290.63	-88.01	302.36	2.77
5,092.00	12.98	210.17	5,063.41	-299.89	-92.87	312.76	2.41
5,140.00	11.86	208.04	5,110.29	-308.90	-97.90	323.01	2.52
5,187.00	11.16	204.33	5,156.34	-317.31	-102.04	332.36	2.17
5,234.00	11.35	208.02	5,202.44	-325.54	-106.09	341.50	1.58
5,281.00	11.59	214.50	5,248.50	-333.51	-110.94	350.72	2.79
5,328.00	12.21	219.15	5,294.50	-341.26	-116.75	360.08	2.43
5,375.00	11.89	218.20	5,340.46	-348.91	-122.88	369.49	0.80
5,422.00	11.00	213.69	5,386.53	-356.45	-128.36	378.54	2.68
5,516.00	9.49	211.16	5,479.02	-370.54	-137.35	394.98	1.68
5,611.00	8.39	203.88	5,572.87	-383.58	-144.21	409.64	1.66
5,705.00	7.95	208.97	5,665.92	-395.54	-150.13	422.95	0.90
5,799.00	6.41	215.41	5,759.18	-405.51	-156.32	434.52	1.85
5,846.00	6.00	214.15	5,805.91	-409.68	-159.22	439.47	0.92
5,893.00	4.58	217.59	5,852.70	-413.20	-161.74	443.69	3.09
5,940.00	2.94	217.83	5,899.60	-415.64	-163.63	446.66	3.49
5,988.00	1.67	201.58	5,947.56	-417.26	-164.64	448.54	2.95
6,082.00	0.41	176.65	6,041.55	-418.87	-165.12	450.21	1.39
6,176.00	0.45	187.25	6,135.54	-419.57	-165.15	450.87	0.09
6,270.00	0.67	175.96	6,229.54	-420.49	-165.16	451.72	0.26
6,364.00	0.30	173.86	6,323.53	-421.28	-165.09	452.43	0.39
6,458.00	1.01	193.68	6,417.53	-422.33	-165.26	453.47	0.78
6,552.00	1.28	230.57	6,511.51	-423.80	-166.27	455.21	0.82
6,646.00	1.68	231.44	6,605.48	-425.33	-168.16	457.34	0.43
6,741.00	0.23	53.87	6,700.47	-426.08	-169.09	458.39	2.01
6,835.00	0.64	82.32	6,794.46	-425.90	-168.42	457.97	0.48
6,929.00	0.86	218.78	6,888.46	-426.38	-168.34	458.38	1.48
7,023.00	0.69	205.64	6,982.45	-427.44	-169.03	459.62	0.26
7,118.00	0.63	189.12	7,077.45	-428.47	-169.36	460.70	0.21
7,212.00	0.32	232.40	7,171.44	-429.14	-169.65	461.43	0.48
7,306.00	0.24	186.49	7,265.44	-429.50	-169.88	461.85	0.25
7,401.00	0.21	225.74	7,360.44	-429.82	-170.03	462.20	0.16
7,495.00	1.40	233.02	7,454.43	-430.63	-171.07	463.35	1.27
7,590.00	0.84	252.30	7,549.41	-431.54	-172.66	464.79	0.70
7,684.00	0.89	241.86	7,643.40	-432.09	-173.96	465.79	0.18
7,778.00	0.39	234.67	7,737.39	-432.62	-174.86	466.62	0.54
7,872.00	0.35	134.89	7,831.39	-433.01	-174.92	467.00	0.60
7,967.00	0.54	243.75	7,926.39	-433.41	-175.12	467.45	0.77

Design Report for Aurora Federal 3-20D-7-20 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
8,061.00	0.35	162.29	8,020.39	-433.88	-175.43	468.00	0.64
8,155.00	1.14	153.86	8,114.38	-434.99	-174.93	468.84	0.85
8,250.00	1.25	87.84	8,209.36	-435.80	-173.48	469.05	1.37
8,344.00	1.11	71.04	8,303.34	-435.47	-171.59	468.02	0.40
8,438.00	1.00	70.37	8,397.33	-434.90	-169.96	466.88	0.12
8,532.00	0.68	103.30	8,491.32	-434.75	-168.64	466.25	0.60
8,627.00	0.44	150.65	8,586.31	-435.20	-167.91	466.39	0.53
8,721.00	0.14	36.35	8,680.31	-435.42	-167.67	466.50	0.55
8,815.00	0.08	295.42	8,774.31	-435.30	-167.66	466.39	0.19
8,910.00	0.27	71.76	8,869.31	-435.20	-167.51	466.24	0.35
9,004.00	0.24	138.18	8,963.31	-435.28	-167.17	466.18	0.30
9,098.00	0.21	158.77	9,057.31	-435.59	-166.97	466.39	0.09
9,192.00	0.54	151.94	9,151.31	-436.14	-166.70	466.80	0.35
9,287.00	0.48	174.63	9,246.31	-436.93	-166.45	467.44	0.22
9,381.00	0.11	108.31	9,340.31	-437.35	-166.33	467.78	0.48
9,475.00	0.08	177.83	9,434.30	-437.44	-166.24	467.84	0.12
9,570.00	0.29	218.16	9,529.30	-437.70	-166.39	468.13	0.25
9,664.00	0.38	168.24	9,623.30	-438.19	-166.47	468.61	0.31
9,758.00	0.43	184.77	9,717.30	-438.85	-166.44	469.21	0.13
9,852.00	0.55	202.97	9,811.30	-439.61	-166.64	470.00	0.21
9,954.00	0.72	184.47	9,913.29	-440.70	-166.88	471.10	0.26
Final MWD Survey							
10,015.00	0.72	184.47	9,974.29	-441.47	-166.94	471.83	0.00
Survey Projection to TD							

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
129.00	129.00	-0.34	0.44	First MWD Survey
9,954.00	9,913.29	-440.70	-166.88	Final MWD Survey
10,015.00	9,974.29	-441.47	-166.94	Survey Projection to TD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
Target	Aurora Federal 3-20D-7-20_PlanA - Rev0_BHL Tgt	202.16	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
129.00	10,015.00	Sperry MWD Surveys	MWD

Design Report for Aurora Federal 3-20D-7-20 - MWD Survey

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Aurora Federal	0.00	0.00	5,957.00	-449.17	-182.97	685,573.24	2,504,313.71	40.201611	-109.694386
- actual wellpath misses target center by 36.53ft at 5998.08ft MD (5957.64 TVD, -417.52 N, -164.74 E)									
- Rectangle (sides W200.00 H200.00 D4,555.00)									
Aurora Federal	0.00	0.00	0.00	0.00	0.00	686,025.97	2,504,487.56	40.202844	-109.693731
- actual wellpath hits target center									
- Polygon									
Point 1				-350.00	-245.00	685,773.98	2,504,142.60		
Point 2				0.00	-245.00	685,781.04	2,504,492.50		
Point 3				-350.00	-245.00	685,773.98	2,504,142.60		
Aurora Federal	0.00	0.00	10,512.00	-449.17	-182.97	685,573.24	2,504,313.71	40.201611	-109.694386
- actual wellpath misses target center by 538.01ft at 10015.00ft MD (9974.29 TVD, -441.47 N, -166.94 E)									
- Point									

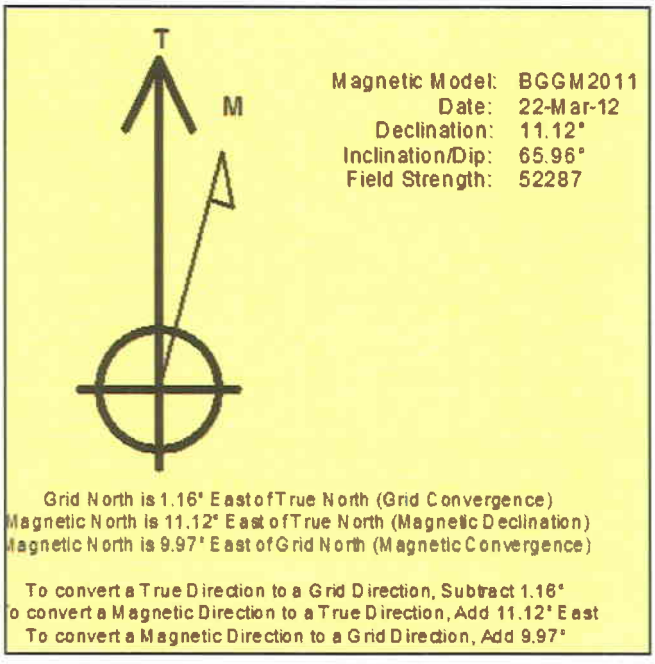
North Reference Sheet for Sec. 20-T7S-R20E - Aurora Federal 3-20D-7-20 - Plan A

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.
Vertical Depths are relative to KB @ 4842.00ft (H&P 319). Northing and Easting are relative to Aurora Federal 3-20D-7-20
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866
Projection method is Lambert Conformal Conic (2 parallel)
Central Meridian is -111.500000°, Longitude Origin:0.000000°, Latitude Origin:40.650000°
False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99991939

Grid Coordinates of Well: 686,025.97 ft N, 2,504,487.56 ft E
Geographical Coordinates of Well: 40° 12' 10.24" N, 109° 41' 37.43" W
Grid Convergence at Surface is: 1.16°

Based upon Minimum Curvature type calculations, at a Measured Depth of 10,015.00ft
the Bottom Hole Displacement is 471.98ft in the Direction of 200.71° (True).

Magnetic Convergence at surface is: -9.97° (22 March 2012, , BGGM2011)



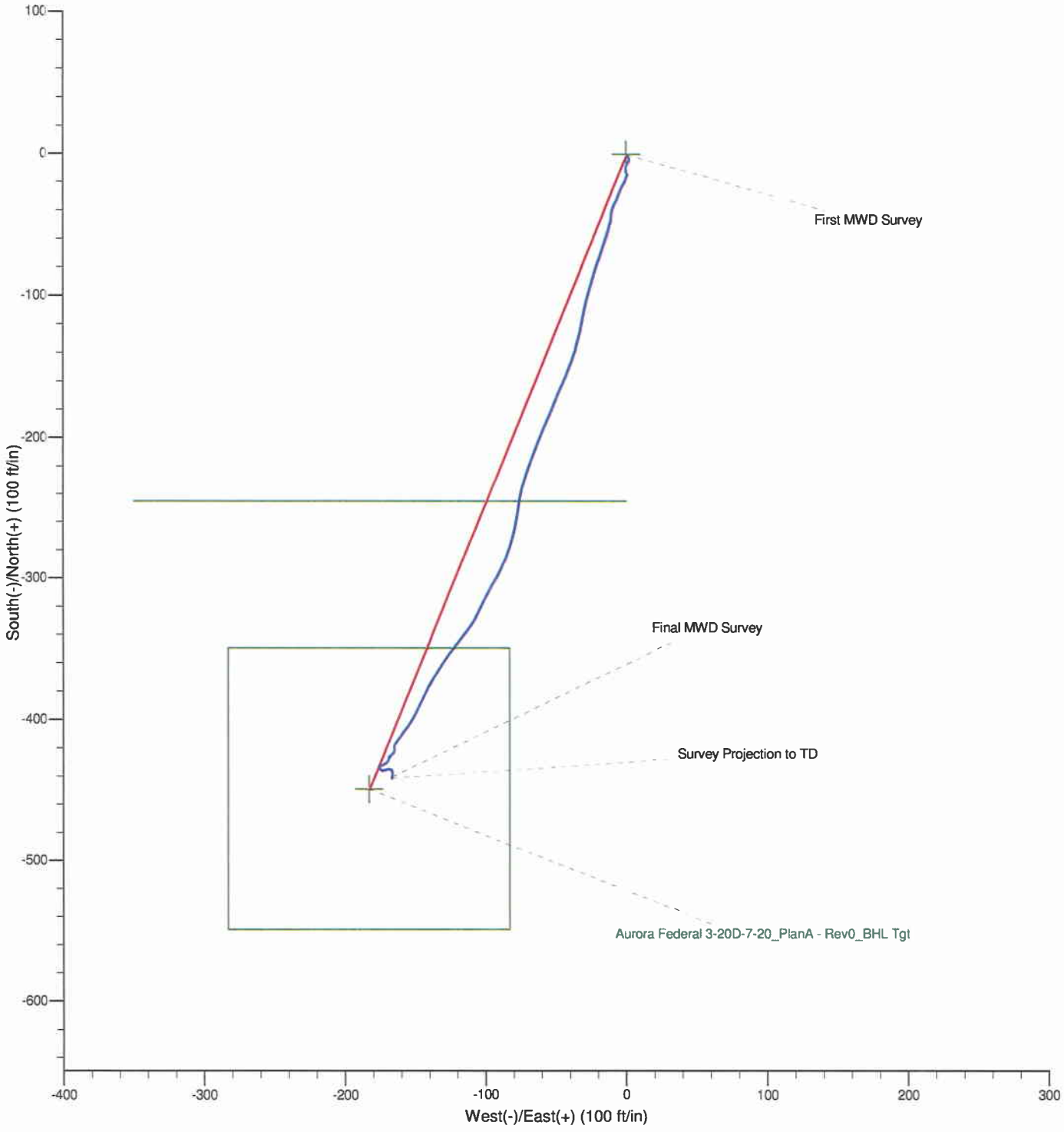
Project: Uintah County, UT (NAD 1927)
Site: Sec. 20-T7S-R20E
Well: Aurora Federal 3-20D-7-20

Bill Barrett Corp

HALLIBURTON
Sperry Drilling

LEGEND

Aurora Federal 3-20D-7-20, Plan A, Plan A - Rev 0 Proposal V0
MWD Survey



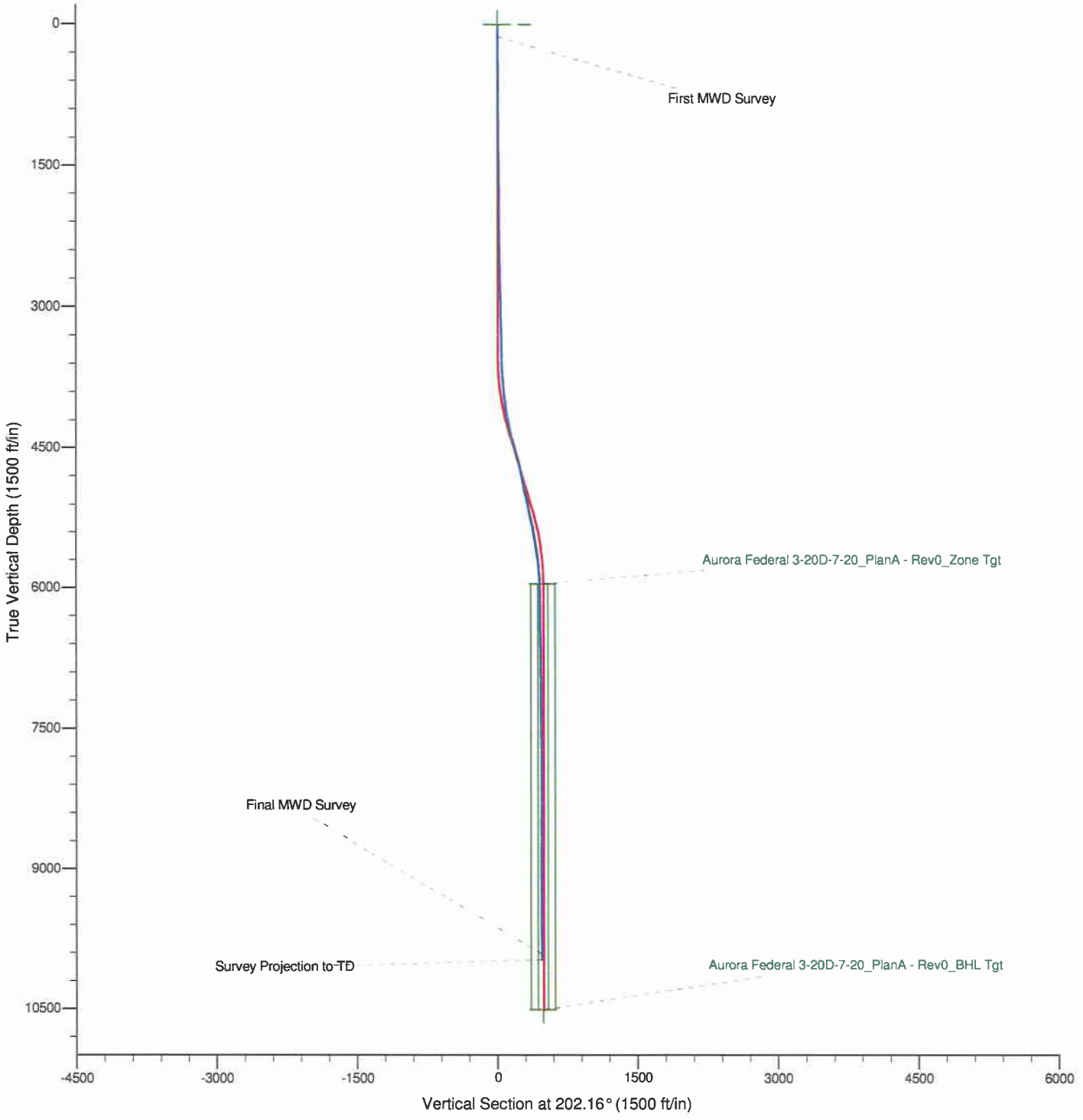
Project: Uintah County, UT (NAD 1927)
Site: Sec. 20-T7S-R20E
Well: Aurora Federal 3-20D-7-20

Bill Barrett Corp

HALLIBURTON
Sperry Drilling

LEGEND

Aurora Federal 3-20D-7-20, Plan A, Plan A - Rev 0 Proposal V0
MWD Survey



4304751285, 4304751509,
4304752006, 4304752129,
4304752005, 4304752394

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101
http://www.blm.gov/ut/st/en.html

RECEIVED
JUN 14 2013
Div. of Oil, Gas & Mining

IN REPLY REFER TO:
3180 (UTU82456X)
UT922000

April 19, 2013

Mr. Thomas Abell
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, Colorado 80202

Re: Initial Green River-Wasatch
Participating Areas
"C" "D" "E" "F" "G" and "H"
Aurora (Deep) Unit
Uintah County, Utah

Dear Mr. Abell:

The Initial Green River-Wasatch Participating Area "C", Aurora (Deep) Unit, UTU82456E, is hereby approved effective as of February 24, 2011, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "C" contains 151.15 acres and is based on the completion of Unit Well No. Four Star 7-32-7-20, API No. 43-047-51285, located in the NE¼ SW¼ of Section 7, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 24, Fee Lease, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "D", Aurora (Deep) Unit, UTU82456F, is hereby approved effective as of April 16, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "D" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 15-28D-7-20, API No. 43-047-52006, located in the SW¼ SE¼ of Section 28, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 16, Lease No. UTU80689, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "E", Aurora (Deep) Unit, UTU82456G, is hereby approved effective as of May 5, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "E" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 3-20D-7-20, API No. 43-047-52005, located in the NE¼NW¼ of Section 20, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 8, Lease No. UTU75093, as a well capable of producing unitized substances in paying quantities.

Please be advised that the Unit Well No. Wall 13-17 API No. 43-047-36668, located in the SW¼SW¼ of Section 17, Township 7 South, Range 20 East, SLB&M, was recompleted in the Green River-Wasatch Formation on July 18, 2012, and determined to be a well capable of producing unitized substances in paying quantities by our office on April 1, 2013. The first revision of the Green River-Wasatch Participating Area "E", when submitted by your office, will be effective July 1, 2012.

The Initial Green River-Wasatch Participating Area "F", Aurora (Deep) Unit, UTU82456H, is hereby approved effective as of August 24, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "F" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 15-8-7-20, API No. 43-047-51509, located in the SW¼SE¼ of Section 8, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 25, Fee Lease, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "G", Aurora (Deep) Unit, UTU82456I, is hereby approved effective as of October 31, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "G" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 3-16D-7-20, API No. 43-047-~~51129,~~ 52129 located in the SE¼NW¼ of Section 16, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 32, Fee Lease, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "H", Aurora (Deep) Unit, UTU82456J, is hereby approved effective as of November 12, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "H" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 9-1D-7-~~20~~ 19, API No. 43-047-52394, located in the NE¼SE¼ of Section 1, Township 7 South, Range ~~20~~ 19 East, SLB&M, Unit Tract No. 20, Fee Lease, as a well capable of producing unitized substances in paying quantities.

Copies of the approved requests are being distributed to the appropriate regulatory agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Green River-Wasatch Participating Areas "C" "D" "E" "F" "G" and "H", Aurora (Deep) Unit and their effective dates.

If you have any questions, please contact Judy Nordstrom at (801) 539-4108.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

Enclosure

cc: ONRR w/Exhibit "B" (Attn: Nancy McCarty)
BLM FOM - Vernal w/enclosure

bcc: Unit file – Aurora (Deep) Unit w/enclosure
Fluids – Mickey
Fluids - Becky
Fluids - Judy
Agr. Sec. Chron.
Reading File
Central Files

JNordstrom:4/18/2013

API Well Number: 43047520050000

No survey is attached

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECOMPLETION

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU75093

1a. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: UTU82456X

2. Name of Operator: BILL BARRETT CORPORATION
Contact: CHRISTINA HIRTLER
E-Mail: chirtler@billbarrettcorp.com

8. Lease Name and Well No.: AURORA FEDERAL 3-20D-7-20

3. Address: 1099 18TH STREET SUITE 2300
DENVER, CO 80202

3a. Phone No. (include area code)
Ph: 303-312-8597

9. API Well No.: 43-047-52005

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: NENW 213FNL 2370FWL

At top prod interval reported below: NENW 646FNL 2195FWL

At total depth: NENW 654FNL 2203FWL

10. Field and Pool, or Exploratory: BRENNAN BOTTOM

11. Sec., T., R., M., or Block and Survey or Area: Sec 20 T7S R20E Mer UBM

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: 03/03/2012

15. Date T.D. Reached: 04/06/2012

16. Date Completed: ☐ D & A ☒ Ready to Prod. 8/25/2012

17. Elevations (DF, KB, RT, GL)*: 4818 GL

18. Total Depth: MD 10015 TVD 9974

19. Plug Back T.D.: MD 9909 TVD 9934

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL,TRIPLE COMBO, BOREHOLE

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 COND	65.0	0	80	80				
14.750	10.750 J-55	45.5	0	3510	3504	1300	614	0	
8.750	5.500 P110	17.0	0	10015	9998	1755	583	2980	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	9140							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	GREEN RIVER	5981	7966	5981 TO 7966	0.380	258	OPEN
B)	WASATCH	8013	9792	8013 TO 9792	0.380	249	OPEN
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5981 TO 7966	GREEN RIVER SEE ATTACHED STAGES 7-13 (STAGES 8-13 RECOMPLETE)
8013 TO 9792	WASATCH SEE ATTACHED STAGES 1-7

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/05/2012	09/06/2013	24	→	198.0	37.0	126.0	52.0		FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
4/64	200	75.0	→	198	37	129	187	POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #214241 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECEIVED: Aug. 13, 2013

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GREEN RIVER	3725
				MAHOGANY	5109
				DOUGLAS CREEK	6348
				CASTLE PEAK	7300
				UTELAN BUTTE	7551
				WASATCH	7987
				TD	10015

32. Additional remarks (include plugging procedure):
Treatment data is attached. This is being filed to report the lower Green River recompletion that took place 8/13-8/25. First gas sales was on 7/3/2013. Test data revised following recomplete

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #214241 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal

Name *(please print)* CHRISTINA HIRTLER Title ADMINISTRATIVE ASSISTANT

Signature (Electronic Submission) Date 07/18/2013

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

RECEIVED: Aug. 13, 2013

Aurora Federal 3-20D-7-20 Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)					
AMOUNT AND TYPE OF MATERIAL					
Stage	***Bbls Slurry***	***lbs 100 Common Mesh***	***20/40 lbs White Sand***	***CRC 20/40***	***gal 15% HCI Acid***
1	3223			160200	3874
2	2986			156900	3900
3	2741			112100	3803
4	2701			121300	3478
5	3035			164400	3900
6	3153			167300	3255
7	3117			157260	3824
8	2928	9300	161300		3915
9	2797	9300	162300		3994
10	2478	7900	140800		3945
11	2486	7700	142300		3998
12	2454	8000	140500		3833
13	2649	9520	142940		3924

*Depth intervals for frac information same as perforation record intervals.

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